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62.71  
"Everything For Your Garden  
But The Rain"

HOWARD'S GIANT CRESTED  
ZINNIAS

Strikingly Beautiful  
(See Flower Seed Section)

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★ FEB 5 1942 ★

U. S. Department of Agriculture



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Branch

ASHLAND, OREGON

# ANNUAL CATALOG · 1942

FLOWER, FIELD AND GARDEN SEEDS · POULTRY SUPPLIES

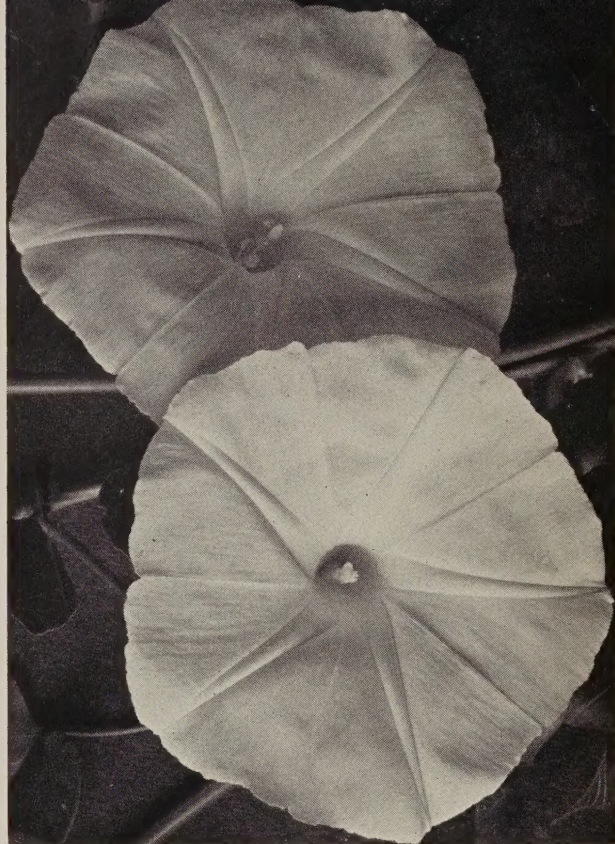




### CLEOME, PINK QUEEN

Silver Medal, All America Selections, 1942

A tall and attractive border plant with huge heads of delightful and refreshing pink without a trace of blue or magenta. It is never out of bloom. A grand flower, well branched, airy foliage. Reaches over four feet. Pkt. 25c.



### MORNING GLORY, PEARLY GATES

Silver Medal, All America Selections, 1942

A big, satiny white Morning Glory with a creamy shading in the throat. An early blooming climber, literally covered with lovely flowers. Has a beautiful appearance and makes a grand companion for Clark's Early Heavenly Blue. Luxurious foliage; reaches 12 ft. Pkt. 25c.



### NIEREMBERGIA PURPLE ROSE

Bronze Medal,  
All America Selections,  
1942

Very dwarf, cushion-like plant, surmounted with flowers of deep or violet-blue. It stays in bloom over a long period and with a colorful blanket of bloom. A grand border and edging subject; about six inches tall. Pkt. 25c.



### PHLOX GIGANTEA, RED GLORY

Honorable Mention, All America Selections, 1942

Rich, bright red Gigantea type Phlox with contrasting white eye. A free, continuous bloomer, tall, lightly foliaged, uniform and true. Pkt. 25c.



### MARIGOLD, GOLDEN BEDDER

Bronze Medal,  
All America  
Selections, 1942

This delightful new variety is one of the earliest of all Marigolds. The picturesque dwarf plants grow only fifteen inches tall. Chrysanthemum flowering, rich gold orange. Pkt. 25c.

### VERBENA HYBRIDA, ROSEGLOW

Glowing deep rose shading to orange scarlet in the individual floret without an eye. Color is so luminous that each plant has the appearance of a small flat fountain of fire. Decidedly free flowering. Pkt. 25c.



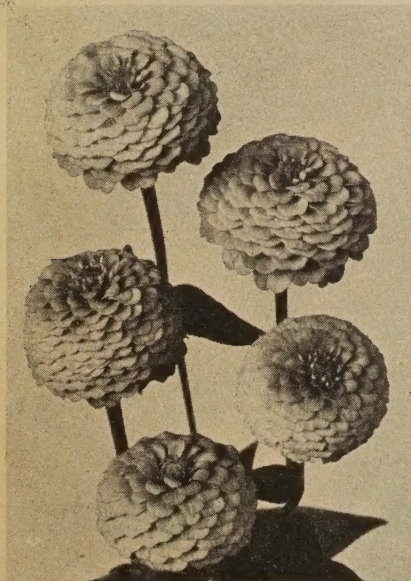




Petunia Hybrida, Radiance



Cosmos, Double Orange Ruffles



Zinnia, Lilliput Pastel Mixture

# Novelty Flower Seeds for 1942

## PETUNIA HYBRIDA, RADIANCE

Silver Medal, All-America Selections, 1941

An outstanding new Petunia. The color is a rich cerise rose with enough underlying salmon to remove the harshness, commonly found in a cerise rose, without losing the brilliance. The throat is a golden yellow which adds warmth and life to the general color. Decidedly floriferous and holds its uniform and neat habit well into the late fall. Pkt. 25c.

## ZINNIA, HOWARD'S NEW GIANT CRESTED

The colors included in this strain are charmingly bright and fresh and contain almost all known colors and shades of color to be found in this most popular of annual plants. Magnificent shades of orange, orange scarlet, yellow, rose, maize and crimson predominate. Flowers average four or five inches in diameter and have a full rounded cushiony center surrounded by broad guard petals. Excellent cut flower. Pkt. 25c.

## MARIGOLD, DWARF FRENCH DOUBLE, BUTTERBALL

Bronze Medal, All-America Selections, 1942

Most attractive, very compact, scabious-flowered Marigold of canary yellow. Rich, dense foliage, well covered with small blooms. Six to ten inches tall, uniform, very early and continuous flowering. Pkt. 25c.

## COSMOS, DOUBLE ORANGE RUFFLES

A semi-double form of the very popular Cosmos Orange Flare. The extra two or three rows of petals add immensely to the butterfly-like beauty of the richly colored orange bloom. Ten days to two weeks earlier than Orange Flare and more dwarf in habit. Flowers continuously throughout the summer weeks. Pkt. 25c.

## PETUNIA, GIANTS OF CALIFORNIA, GLAMOUR

Honorable Mention, All-America Selections, 1942

Large flowers of salmon-rose with brown veining on white in the throat. An excellent color under artificial light and outdoors. Little variation in color shades. Most flowers have wavy, fringed petals, although a few come plain edged. A free and continuous bloomer. Pkt. 25c.

## RUDBECKIA, STARLIGHT

Honorable Mention, All-America Selections, 1942

Large, semi-double flowers in colors ranging from primrose yellow to mahogany and bicolors, with mahogany centers. A free bloomer and unique for cutting arrangements; long stems. Pkt. 25c.

## MARIGOLD, DWARF FRENCH DOUBLE, MELODY

Bronze Medal, All-America Selections 1942

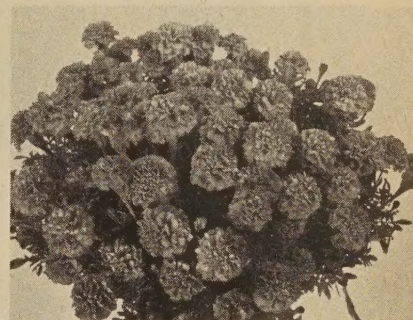
Lovely golden yellow flowers literally cover the uniformly 12 to 15 inch plants for a long season. Very uniform in height, habit and color. We recommend this variety for cutting and edging the flower border. Pkt. 25c.

## ZINNIA, LILLIPUT PASTEL MIXTURE

Charming dwarf zinnia, excellent for low borders or edgings. Tidy plants produce a bounteous supply of very double pompon flowers about 1½ inches across. Wide range of pastel colors. Pkt. 15c.



Petunia, Glamour



Marigold, Dwarf French Double, Melody



Marigold, Dwarf French Double, Butterball



Zinnia, Howard's New Giant Crested



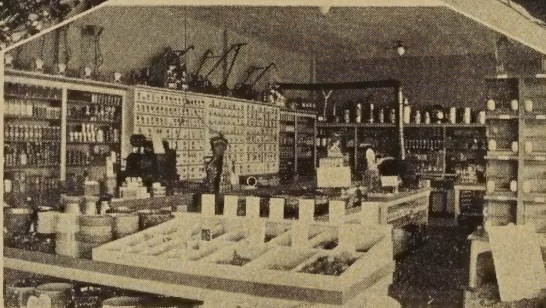
# OUR PROGRESS DOWN THROUGH THE YEARS



THE BEGINNING OF OUR COMPANY  
A view of our first store  
established 1910.



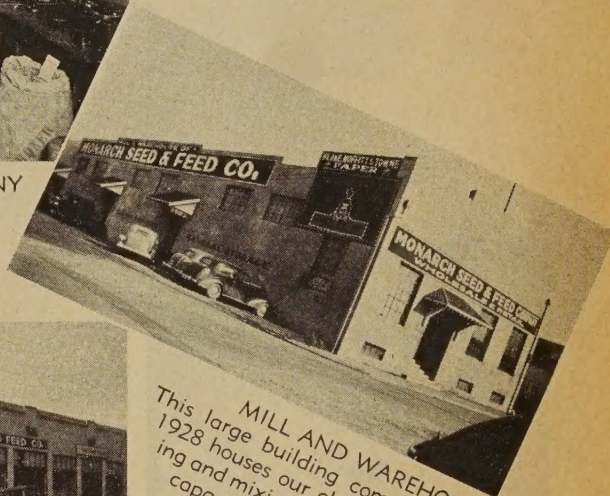
OUR PRESENT RETAIL STORE  
Reputed to be one of the  
finest on the coast.



SEED DEPARTMENT  
In our retail store.



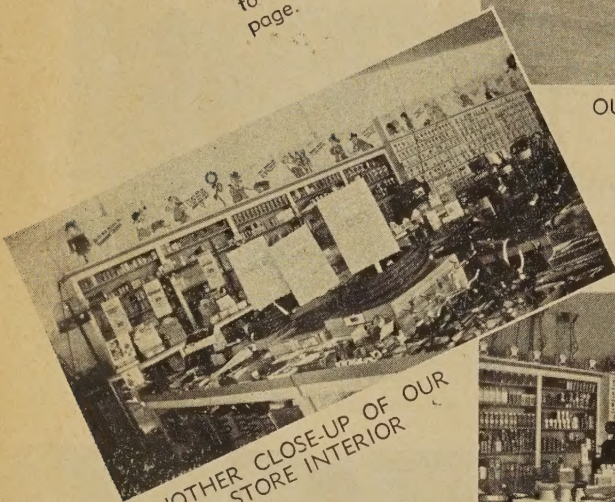
THE "OLD RUSS MILL"  
Purchased by us in 1920 and  
later replaced by our mod-  
ern milling plant shown  
to the right across the  
page.



MILL AND WAREHOUSE  
This large building completed in  
1928 houses our cleaning, grind-  
ing and mixing equipment. Floor  
capacity 25,000 square feet.



TRUCKS OF MODERN DESIGN  
AND EFFICIENCY SERVE OUR  
CUSTOMERS.



ANOTHER CLOSE-UP OF OUR  
RETAIL STORE INTERIOR

THIRTY-TWO YEARS OF CONTINUOUS SERVICE TO A STEADILY  
GROWING LIST OF PLEASED CUSTOMERS!



The national government will promote a defense garden campaign for 1942, in which all home gardeners who live in favorable locations will be urged to grow vegetables for family consumption as an aid to defense. Every farmer in the country will likewise be encouraged to grow a vegetable garden as part of the campaign for maximum food production.

There are millions of home gardens in towns, suburbs and the outlying sections of cities on which gardeners can grow finer vegetables than they could buy in markets. There are also plenty of vacant lots in favorable locations which can be used for food production, if more space is needed.

Disappearance of all surpluses and higher prices for fresh vegetables are considered a certainty by national defense authorities. Producers are faced with scarcity of labor and much higher wages; while demand is being skyrocketed. Home-grown vegetables will also lighten the transportation problem which is becoming acute.

Then there are the benefits of health and economy enjoyed by way of the home garden. Fresh vegetables right from your own garden are naturally more nutritious and tasty. The exercise one obtains in gardening is likewise healthful and tends to build strength and vigor.

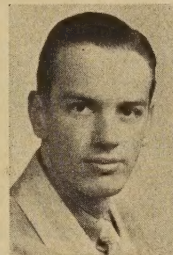
Get closer to nature, aid in the defense program, economize and enjoy better health through gardening.

## MONARCH SEED & FEED COMPANY

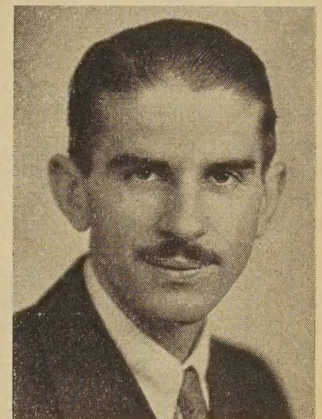
Miksche Brothers



**R. A. MIKSCHÉ**  
"Ray"  
General Manager



**J. E. WILKINSON**  
"John"  
Manager of our  
Ashland, Oregon, Branch  
**TED'S FEED & SEED STORE**



**R. M. MIKSCHÉ**  
"Bob"  
Sales Manager

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# Annual and Perennial Flower Seeds

## AGERATUM, Floss Flower (a)

One of the most popular Summer blooming plants grown from seed, being literally covered with flowers from early Summer until frost. Excellent for borders, edgings, rockery, or pots. The taller varieties are fine for cutting. Do well in semi-shade.

**AGERATUM MIDGET BLUE.** Silver Medal, All-America Selection, 1940. A very fine dwarf (2 to 3 inches high) Ageratum with delicate foliage, which is practically smothered with small true Ageratum Blue flowers. This is really the first dwarf Ageratum that we have found that will come uniformly dwarf and true to color from seed. Pkt. 15c.

**BLUE BALL.** Compact round plants, 6 inches tall, hidden by a mass of pure blue flowers. Fine for dwarf beds and edging. Pkt. 10c.

## ALYSSUM, Madwort

One of the most popular garden flowers, remaining in bloom the entire season; suitable for beds and edging in Summer, or for growing in pots and boxes for Winter blooming.

**CARPET OF SNOW** (ra). White flowers on plants only 3 inches tall. Rapidly becoming a favorite variety. Pkt. 10c.

**SAXATILE COMPACTUM.** Perennial. Sometimes called Basket of Gold. It grows compactly and is covered with a wealth of golden blossoms in early spring. Height 12 inches. Pkt. 10c

**VIOLET QUEEN.** Dwarf compact plants of small, sweetly scented flowers of a very rich deep shade of violet. Neat in habit and free flowering, Violet Queen will unquestionably be one of the leading novelties of the season. Pkt. 15c.



SWEET ALYSSUM

## ANCHUSA, Summer Forget-Me-Not (a)

A free-flowering class, producing its charming Forget-Me-Not-like blooms in graceful sprays from early Summer until late Fall.

**BLUE BIRD.** Deep blue flowers on plants 18 inches tall. Pkt. 10c.

## ARCTOTIS HYBRIDS AUTUMN SHADES (a)

A gay and cheerful member of the colorful winter and spring blooming flowers. Dozens of blossoms open at a time, commencing to bloom in December or January. Many shades of red, orange, yellow, typical autumn tones. Foliage is a soft gray green with slender wavy edged leaves. A decided addition to the border garden.

**MIXED.** Pkt. 10c.



SNAPDRAGONS

## ANTIRRHINUM, Snapdragon (a)

Snapdragons are fascinating flowers, with their interesting form and glowing colors. They are easy to grow and will bloom continuously until severe frost, making a wonderful display and supplying unlimited cut flowers. Ordinary good garden soil will produce fine Snapdragons either in full sun or semi-shaded spots. Sow outdoors when danger of frost has passed, or indoors six weeks earlier.

**ROSALIE** (Bronze Medal, All-America Selections, 1940). This exciting color is entirely new in Antirrhinum. It is a rich deep rose with an underlying tone of topaz or amber, giving it a richness which makes it stand out among all other colors. The plants are base branching and produce from six to eight huge long flowering spikes on which the florets are decidedly well arranged. This is an all-purpose Snapdragon. Pkt. 15c.

**SWING TIME.** New rust resistant novelty. The loveliest rose pink imaginable with a bright yellow touch and a white tube that is an addition to its beauty rather than a hindrance. Spikes are huge and evenly packed with immense blooms beautifully tapered. Pkt. 15c.

## SUPER GIANTS, RUST RESISTANT

30 to 36 inches tall.

**APPLE BLOSSOM.** Rosy pink, white tube. Pkt. 10c.

**CAMPFIRE.** Luminous scarlet. Pkt. 10c.

**CANARY BIRD.** Canary yellow. Pkt. 10c.

**COPPER KING.** Bronzy copper. Pkt. 10c.

**CRIMSON.** Fiery crimson. Pkt. 10c.

**FINEST MIXED.** Pkt. 10c.

## LARGE FLOWERED, HALF DWARF

Rust Resistant.

**FINEST MIXED.** Pkt. 10c.

## AQUILEGIA, Columbine (p)

These are among the most beautiful of Spring and early Summer flowers; very effective when grown in the herbaceous border and groups among shrubbery. Graceful spurred flowers on stems 2 feet or more above the fern-like foliage.

**CRIMSON STAR.** (Award of Merit, Royal Horticultural Society.)

Rich dark crimson sepals and spurs, in wonderful contrast to the white petals — combination of colors entirely new in Aquilegia. Flowers are large, plants are vigorous; a wonderful novelty. Pkt. 10c.

**MRS. SCOTT ELLIOTT'S STRAIN.** One of the finest tall strains ever developed, long-spurred, large flowers, in a splendid mixture of colors. Pkt. 10c.

a, annual; b, biennial; c, climber; p, perennial; ra, rock plant annual; rp, rock plant perennial.



# ANNUAL AND PERENNIAL FLOWER SEEDS



## ASTER (a)

We can imagine no other flower which combines so much beauty with grace and usefulness and with which more brilliant effects can be achieved. From July until September this flower reigns supreme in the garden, not equaled by any other. For these obvious reasons we give a great deal of attention to these flowers, and are in a position to offer our patrons remarkably fine strains, producing perfect flowers of great beauty. To do well, Asters require a well pulverized soil, always kept open by continuous cultivation. Height, 1 to 3 feet.

**IMPROVED GIANTS OF CALIFORNIA.** This Aster bids fair to become a universal favorite. Characterized by the well-known Crego type of flower, combined with the Beauty Aster's long, non-lateral, branching stems, the California Giants, double type Aster, stands at the head of the list.

**FINEST MIXED.** Pkt. 15c.

**ASTER, SUPER GIANT EL MONTE.** Special Mention, All-America Selections, 1936. Deep glowing crimson, composed of abundant quantities of daintily interlaced plume-like petals, the flowers are extremely large and fluffy, borne on heavy non-lateral, basal branched stems. Pkt. 15c.

**SUPER GIANT LOS ANGELES.** Award of Merit, All-America Selections, 1934. The first introduction in modern Super Giant class, the flowers are fully double, 6 to 8 inches across, graceful and delicately interlaced. Long, stiff stems, bearing the large shell pink flowers smartly upright. Pkt. 15c.

**ASTER, EARLY GIANT WILT-RESISTANT, LIGHT BLUE.** Silver Medal, All-America Selections, 1939. Fully wilt-resistant, extremely large flowered and most attractive colors. Color is a rich light blue, a shade which blends in beautifully with either deeper or lighter tones. Pkt. 15c.

**ASTER, EARLY GIANT WILT-RESISTANT, Peach Blossom.** Very large and full with broad, graceful petals, daintily plumed and intertwined. Peach Blossom has particularly full-petaled flowers of an attractive shade which opens almost white and flushes light pink then lavender pink as flower matures. Plants 1½ to 2 feet tall. Pkt. 15c.

**IMPROVED CREGO WILT-RESISTANT.** The large shaggy flowers with long curled petals are not unlike the ostrich feather for which they are commonly named. The plants are strong, heavily branched and grow about 2½ feet in height.

**Crimson.** Glowing deep rose-crimson. Pkt. 10c.

**Cattleya.** Fascinating shade of orchid. Pkt. 10c.

**Purple.** Showy violet purple. Pkt. 10c.

**Enchantress.** Luscious shade of lively salmon rose. Pkt. 10c.

**Rose.** Lovely bright carmine rose. Pkt. 10c.

**White.** Purest white, large and fluffy. Pkt. 10c.

**Crego's Finest Mixed.** Pkt. 10c.

**AMERICAN BRANCHING. Wilt-Resistant.** Plants 2½ to 3 feet tall, branching, robust; flowers large, double and fine form, blooming in early September. Our selected stocks of these are the best money can buy.

**FINEST MIXED.** Pkt. 10c.

**SINGLE ASTERS.** (a) Large, daisy-like flowers in the same colors as the double China Asters, 18-24 inches high with large flowers on graceful stems. Fine for variety in the garden. Excellent for cutting. Mixed. All colors. Pkt. 10c.

**SUNSHINE OR ANEMONE FLOWERED ASTERS.** (a) Dwarf, branching, free-flowered variety. The flowers are composed of a loose row of outer petals which contrast with the very different quill-like yellow center disc. The effect produced is two-toned. Choice Mixture of Colors. Pkt. 15c.

**BABY'S BREATH** (See Gypsophila)

**BACHELOR'S BUTTON** (See Centaurea)

**BALSAM, Lady Slipper** (a)

An old and popular garden flower of easy culture. Gorgeous masses of brilliant colored double flowers are produced in the greatest profusion. Height, 2 feet.

**CAMELIA FLOWERED.** Finest mixed. Pkt. 10c.

**BEAN** (a)

A rapid climber, flowering profusely; grows 10 to 15 feet high. Edible as well as ornamental.

**SCARLET RUNNER.** Pkt. 10c.

**BLUE FERN FLOWER** (See Nierembergia)

**BRACHYCOME, Swan River Daisy** (a)

Brilliant free-flowering annual blooming throughout the Summer months and suitable for beds or borders. The dainty flowers resemble small Cinerarias. Height, 6 to 12 inches.

**MIXED COLORS.** Pkt. 10c.



**CALLIOPSIS, Tickseed** (a)

Very showy and splendid subjects for garden decoration as well as for cutting. Sow seed where intended to bloom in early Spring; thin out to 6 inches apart. Cut flowers as soon as they open, as this prolongs the blooming season until Autumn. Height, ½ to 2½ feet.

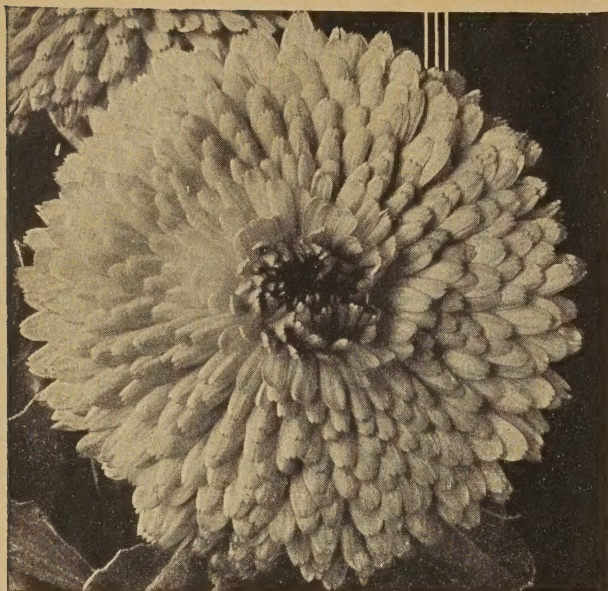
**GOLDEN CROWN.** Silver Medal, All-America Selections 1938. An enlarged Drummondii. A rich orange-yellow or gold of pleasing fragrance. Makes a good cut flower with 12-inch wiry stems. Similar to Golden Crest. Pkt. 10c.

**TALL MIXED.** Pkt. 10c.

**DWARF MIXED.** Pkt. 10c.



# ANNUAL AND PERENNIAL FLOWER SEEDS



**CALENDULA, Pot Marigold (a)**

The colorful flowers make a wonderful display in the garden and are always admired by those who see them. Blooms freely in early Summer and continues into the Fall. Even though this plant prefers a sunny location and rather dry soil, it does well under widely different conditions, requiring little care to grow to perfection. 18 to 24 inches in height.

**CAMPFIRE IMPROVED.** A very deep strong orange with distinct scarlet sheen on upper side of each petal. Blooms flat across top and measures 4 inches in diameter. Plants are strong growing and even in habit. Exceptionally long heavy cutting stems in generous quantity on each plant. Pkt. 15c.

**ORANGE FANTASY.** Silver Medal, All-America Selections 1938. Distinct. Rather dwarf, heavy foliated plants. 18 to 24 inches. Crested flowers of coppery orange, with petals edged mahogany. True. A fine novelty. Pkt. 10c.

**NEW SUNSHINE CALENDULA, CHRYSANTHA.** Gold Medal Winner, All-America Selections 1934. A clear, buttercup yellow in color with loosely arranged petals, incurved at center and reflexed at edges. Flowers mounted on strong, wiry stems a foot in length; excellent for cutting. Pkt. 10c.

**RADIO.** Flowers hemispherical in shape with bristling quilled petals, rich glowing orange. Graceful and attractive. Pkt. 10c.

**DOUBLE MIXED.** Pkt. 10c.

## CALIFORNIA POPPY (See Eschscholtzia)

### CAMPANULA, Canterbury Bell

**CALYCANTHEMA (b)** (Cup and Caucer). Perhaps the most beautiful type; distinct in form, with large bell or cup-shaped flowers surrounded at the base by a large calyx of similar color, the whole resembling a cup and saucer.

**In Separate Colors.** Pink, blue, white and purple. Pkt. 10c.

**FINEST MIXED.** Pkt. 10c.

**ANNUAL CANTERBURY BELLS (a).** Gold Medal, All-America Selections 1933. We have all wished for a Canterbury Bell that would not occupy the ground for so long before it flowered. When planted from seed, loads itself with flowers in less than five months, in colors the same as the biennial type, including the various shades of blue, pink, rose, and white.

**FINEST MIXED.** Pkt. 15c.

### CASTOR BEAN (See Ricinus)

### CELOSIA, Cockscomb (a)

Very attractive and showy, somewhat tender annual, producing massive heads in rich shades of crimson and yellow flowers. Should be started in hot beds and transplanted to rich soil after warm weather comes. Set plants a foot or more apart.

**CRISTATA.** Choice mixed; height, 9 to 18 inches. Pkt. 10c.

**PLUMOSA (Improved Feather Type).** Choice mixed; height, 2 feet. Pkt. 10c.

## CENTAUREA

Particularly well adapted for border planting. The types cultivated for their flowers have bulging calyxes from which many finely cut petals expand. Others have a downy growth on their leaves, making the foliage quite ornamental. All of them are of easy culture from seed.

**CORNFLOWER, JUBILEE GEM.** Silver Medal, All-America Selections 1937. A dwarf variety of Cornflower making a compact plant literally covered with flowers. About 12 inches in height. Easy to grow. Admirable as a border plant. A fine cut flower. It may be sown outside in the autumn for spring flowering, or in the spring for summer flowering. Pkt. 10c.

**CYANUS DOUBLE (a).** (Bachelor Button). This superb class of Cornflowers produces handsome, large double blooms, effective out-of-doors and in bouquets. Height, 2 to 3 feet.

**BLUE BOY.** Pkt. 10c.

**ROSE.** Pkt. 10c.

**MIXED.** Pkt. 10c.

**SWEET SULTAN (a).** These beautiful long stemmed flowers with their soft velvety heads make very enchanting bouquets. They measure 2 to 2½ inches across while the entire plant stands about 2½ to 3 feet tall. You can grow them readily in any fair garden soil, and your friends are sure to admire them.

**MIXED.** Pkt. 10c.

## CARNATION, *Dianthus Caryophyllus* (p)

Few flowers surpass in beauty of form or delicious fragrance, the richly hued Carnation. The plants are branching but compact, and the handsome blossoms are produced on blue-green stems that are stiff but slender. The double flowers with their thick waxy petals are spicily scented.

**CHABAUD GIANT.** 18 inches. This variety blooms six months after seeding and continues throughout the Summer. The plants, robust and erect, supply handsome, double, clove-scented flowers of extra large size.

**MIXED.** Pkt. 15c.

## CANDYTUFT (a)

Valuable for masses and edging, and considered indispensable for cutting. Seed sown in April flowers in June; successive sowings should be made at intervals. Hardy and easy to grow, blooming profusely. Height, 1 foot.

**GIANT WHITE HYACINTH FLOWERED.** Very fine for cutting. Pkt. 10c.

**UMBELLATA.** Mixed. Pkt. 10c.



CAMPANULA (CANTERBURY BELLS)



# ANNUAL AND PERENNIAL FLOWER SEEDS

## CARDINAL CLIMBER (ac)

Graceful climber with cardinal-scarlet blooms 1 to 1½ inches in diameter. Rich, glossy, dark green foliage. Grows 15 feet tall and is in bloom all Summer.

**IPOMOEA CARDINALIS.** Pkt. 10c.

## CLARKIA (a)

An annual, flowering in July, which should be far more widely known. It is of easy cultivation, graceful in habit of growth, and lends itself as well to bedding as for cutting. Flowers in long racemes which open in water when cut.

**ELEGANS.** Double. Choice mixed. Height, 2 feet. Pkt. 10c.

## COCKSCOMB (See Celosia)

## COLUMBINE (See Aquilegia)

## COREOPSIS (p)

One of our most popular perennials; the attractive flowers are borne in great profusion and are excellent for cutting. Height, 3 feet.

**GRANDIFLORA DOUBLE SUNBURST.** Much of the beauty of early Summer gardens is due to the brilliant golden yellow of Coreopsis plantings. The double flowers are large, 1½ to 2 inches across, deep golden yellow, and are excellent for cutting as well as for garden decoration. Fine keepers; plants are easy to grow. Pkt. 10c.

## CORNFLOWER (See Centaurea)



CRESTED COSMOS

## COSMOS (a)

No garden is complete without Cosmos. These old favorites supply a gorgeous, colorful effect during late Summer and Fall. Fine for cutting as the flowers last well in water. Cosmos are easy to grow.

**SENSATION PINKIE.** The finest new development in Cosmos. Flowers very large, as much as 5 inches in diameter, with broad, heavy fluted petals, slightly overlapped. Ideal for cut flowers. Sturdy plants 3 to 4 feet high, producing flowers 8 to 10 weeks from seed. Pkt. 10c.

**SENSATION PURITY.** Purity is the glistening white Cosmos in the Sensation type as Pinkie is the delightful rose pink shade. Pkt. 10c.

**SENSATION MIXED.** Pkt. 10c.

**ORANGE RUFFLES.** Semi-double. A worthy and new semi-double Orange Flare type Cosmos. Vivid and intense golden orange, the two or three extra rows of petals lend an airy butterfly-like beauty to the richly colored large blossoms. Free blooming, early flowering. Grows to a height of 3 to 4 feet; remain in full flower almost indefinitely if blossoms are

kept picked when matured. Cosmos Orange Ruffles will add immensely to the beauty of any garden and is a perfect subject to heighten the beauty of an edging row of Nierembergia, Purple Robe. Pkt. 25c.

**EARLY DOUBLE CRESTED.** Showy plants, 3 to 4 feet tall, covered with a mass of lovely, large flowers. Our strain produces a large percentage of double blooms.

**MIXED.** Pkt. 15c.



UNWINS DWARF HYBRID DAHLIAS

## DAHLIAS (From Seed) (rp)

**UNWIN'S DWARF HYBRIDS, IMPROVED.** This is an improved strain of this popular flower. They grow from 18 inches to 2 feet tall and come in many delightful shades. We offer an improved strain which gives you a wider assortment of choicer colors. Produces a high percentage of doubles from seed. Mixed colors. Pkt. 25c.

**COLTNESS DWARF HYBRIDS.** A very dwarf variety for bedding. This strain produces many beautiful pastel shades and a high percentage of single flowers. The finest of the Dahlias for cutting. Growing the miniature Dahlias from seed is becoming a popular garden practice. Mixed colors. Pkt. 25c.

## DIANTHUS, Pinks (a)

A charming class of annual flowers for beds, borders, edgings, and cutting. The dwarf, rather compact plants average 1 foot in height. Of easiest culture, succeeding in ordinary garden loam. Blooms from July until frosts.

**HEDDEWIGII LACINIATUS DOUBLE MIXED.** Superb flowers rivaling the Carnation in size and doubled blossoms. Excellent for bouquets. Pkt. 10c.

**HEDDEWIGII SINGLE MIXED.** Large finely marked flowers having fringed petals. Pkt. 10c.

## DIANTHUS BARBATUS (See Sweet William)

## DIGITALIS, Foxglove (b)

This ornamental hardy plant is used extensively for naturalizing in shrubby borders and along the edges of woods. It grows well under almost all conditions, giving a wealth of bloom during June and July. Height, 4 to 6 feet.

**GLOXINIAEFLOA.** This is an improved strain of the ordinary Foxglove, with handsome spotted Gloxinia-like flowers on long spikes. **Mixed Colors.** Pkt. 10c.



# ANNUAL AND PERENNIAL FLOWER SEEDS

## DELPHINIUM (p)

One of the greatest charms of hardy Larkspurs is in their shades of blue which range from soft rosy lavender to violet and deepest indigo. The dwarfs are valuable in the border while the magnificent tall varieties are stately and beautiful in front of a shrubby background. Above the deeply cut dark green leaves rise long floral spikes. Height, 1 to 8 feet.



PACIFIC HYBRID DELPHINIUMS

**PACIFIC HYBRIDS.** A new strain of Delphiniums originated on the Pacific Coast to grow under Pacific Coast conditions. Huge flowers, 2½ to 3½ inches in diameter, beautifully spaced on well-balanced tall spikes. Highly resistant to mildew. Color range excellent and comes practically 100% double florets. Pkt. 25c.

**TALL HYBRIDS.** Handsome sorts adapted to backgrounds. Plants grown from early sown seed will flower late the first season, but reach their full development the second year and thereafter. Height, 5 feet.

**BELLADONA.** A delightful shade of silvery blue. Pkt. 10c.

**BELLAMOSUM.** Rich, deep and intense blue. Pkt. 10c.

**BLACKMORE & LANGDON HYBRIDS.** Without question the finest strain of large flowered hybrid Delphiniums. Various shades and color combinations in the individual flowers. Will produce amazingly large flowers and spikes. Pkt. 25c.

## DIMORPHOTHECA, African Golden Daisy (a)

The plants are of branching habit, growing about 15 inches high. An easily cultivated annual.

**AURANTIACA HYBRIDS.** The flowers are equally large, but vary in color from the purest white to yellow, orange and rich salmon shades, many being zoned with several of these colors around the black disk. Pkt. 10c.

**ORANGE IMPROVED.** Pkt. 10c.

## ESCHSCHOLTZIA, California Poppy (a)

The state flower of California and one of the most attractive low growing annuals. The foliage is finely cut, fern-like, and silvery green in color. They start to bloom in a few weeks after the seed is sown. Height, 12 to 18 inches.

**GRANDIFLORA HYBRIDS.** Large flowering varieties in the most exquisite shades of gold, copper, bronze, scarlet, purple and crimson. **Mixed Colors.** Pkt. 10c.

**RAMONA HYBRIDS.** A new strain containing many lovely shades. The plants grow compact and upright, with flowers beautifully frilled. **Mixed Colors.** Pkt. 10c.

**DOUBLE ESCHSCHOLTZIA.** The flowers are like little silken flags, beautifully fluted and crinkled, double and semi-double. The colors are yellow, orange, salmon. **Mixed Colors.** Pkt. 10c.

**AURANTIACA, ORANGE.** The ordinary California poppy. Pkt. 10c.

## EVENING PRIMROSE, *Oenothera* (b)

A twilight blooming plant. Flowers of brilliant yellow are often 3 inches across. Clusters of them decorate the tops of upright spikes which are arranged in the form of a candle-labra. Height, 2 to 6 feet.

**LAMARCKIANA.** Pkt. 10c.

## FLAX (See *Linum*)

## FOUR O'CLOCK, *Marvel of Peru* (a)

A favorite showy annual for beds and borders. Excellent for planting in front of the porch or alongside the house. The plants bloom freely from July until frost.

**TALL, MIXED.** 2 feet tall, in many fine colors. Pkt. 10c.

## FOXGLOVE (See *Digitalis*)

## GAILLARDIA, Blanket Flower

Tones of orange, yellow, red, and maroon, often beautifully combined in a single blossom, make these flowering plants gay ornaments of the garden all Summer. Height, 1 to 2 feet.

**SINGLE MIXED (a).** Large daisy-like blossoms of yellow and bronze with central cones of yellow. Pkt. 10c.

**DOUBLE MIXED (a).** Globular heads of tubular florets in shades of sulphur, orange, and claret. Pkt. 10c.

**GRANDIFLORA PORTOLA HYBRIDS (p).** Semi-double blooms of magnificent size and broad overlapping petals, golden tipped around glowing centers of bronzy red. Pkt. 15c.

**DAZZLER.** Large, well formed flowers, very vivid in the garden as the name implies. Golden yellow and maroon red. Striking perennial. Pkt. 15c.

## GEUM, *Avens* (p)

Beautiful hardy perennials, bearing profusely large, showy, double, dark crimson flowers all through the Summer. An elegant flower for bouquets. Height, 18 inches.

**LADY STRATHEDEN.** A new golden yellow with large full flowers of great beauty. Pkt. 10c.

**MRS. BRADSHAW.** Large, double, brilliant orange-scarlet. In flower throughout the entire summer. Pkt. 10c.

## GODETIA, Satinflower (a)

Very handsome annual plants especially suited for semi-shady locations. Sow in Spring in the open and thin to 8 or 10 inches apart. The flowers are bright and colorful and the single sorts are not unlike the Azalea in form.

**TALL DOUBLE.** Long graceful spikes are decorated with double blossoms resembling satin pompons one above another. Height, 2 feet. **Choice Mixed Colors.** Pkt. 10c.



GOURDS, SMALL VARIETIES MIXED

## ORNAMENTAL GOURDS (ac)

Ornamental Gourds are easily grown in rich soil, where they will produce plenty of fruits. They may be trained on trellises and the ripened fruits used for ornaments.

**Large and Small Sorts Mixed.** Pkt. 10c.



# ANNUAL AND PERENNIAL FLOWER SEEDS

## GYPSOPHILA, Baby's Breath

Pretty, free-flowering annuals and perennials. Their misty white panicles are largely used for mixing with other cut flowers. Height, 1 to 3 feet.

**ELEGANS GRANDIFLORA** (a). London Market Improved. An improved annual strain with single large pure white flowers. Sow at intervals for a supply of flowers throughout the Summer. Height, 2 feet. Pkt. 10c.

**ELEGANS CARMINEA**. A deep rose colored form of above. Pkt. 10c.

**PANICULATA WHITE** (p). Hardy perennial with sprays of tiny rose-shaped blooms. If cut before the flowers are fully opened, sprays can be used in winter bouquets. Height, 3 feet. Pkt. 10c.

**DOUBLE WHITE** (p). Each flower double, pure white. Excellent for dry bouquets if cut and treated like the single variety. Good cut flower. Pkt. 25c.

## HELIANTHUS, Sunflower (a)

Well known and popular plants, the small flowering sorts being useful for cutting. The tall varieties are valuable for backgrounds.

**CHRYSANTHEMUM FLOWERED**. Large, densely double golden flowers. Fine, long stout stems for cutting. Height, 6 feet. Pkt. 10c.

**CUT-AND-COME-AGAIN MIXED**. Single golden yellow flowers with petals twisted like a Cactus Dahlia. (Small flowered sort.) Pkt. 10c.

**RED SUNFLOWER**. Tall single flowered variety with bright red blossoms. Pkt. 10c.

## HELICHRYSUM, Straw Flower (a)

The finest of all Everlastings. They make unusually fine Winter bouquets if cut when partially opened and dried slowly in a cool place, heads downward to keep the long stems straight. The centers of the double pompon-like flowers are nearly covered by the stiff overlapping petals. A wide range of brilliant and soft colors. Height, 2 to 3 feet.

**FINEST MIXED**. Pkt. 10c.

## HOLLYHOCK, Althaea (p)

The beautiful color effects produced by the planting of these flowers, render them indispensable for the old-fashioned garden or the herbaceous border. Height, 6 to 12 feet.

**INDIAN SPRING**. Silver Medal, All-America Selections, 1939. Semi and double flowers of bright rose and rosy carmine. Its many flowered branches produce a continuous show until frost. Flowers first year from seed. Pkt. 15c.

**Single Mixed Colors**. Pkt. 10c.

**PERENNIAL HOLLYHOCKS**. Deep rose, salmon rose, scarlet, sunflower yellow, and white. Separate colors. Pkt. 10c.

## HUNNEMANNIA, Mexican Tulip Poppy (a)

Seed sown early in May will, by the middle of July, produce plants covered with their large buttercup yellow, poppy-like blossoms, and are never out of flower until hard frost. The plants grow 2 feet high, with beautiful feathery foliage.

**SUNLITE**. Award of Merit, All-America Selections. Semi-double, canary yellow. Pkt. 10c.

## IBERIS (See Candytuft)

## ICELAND POPPY (See Poppy Nudicaule)

## IPOMOEA, Morning Glory (ac)

Climbers of rapid growth, with beautiful and varied flowers. For covering walls, trellises, arbors, they are invaluable.

**SCARLETT O'HARA**. Gold Medal, All-America Selections 1939. An entirely new color in the popular Morning Glories—rich dark wine red or deep rosy crimson. Flowers 4 inches in diameter, freely produced on fast growing vines. Very showy for covering a fence or trellis. The dark green foliage does not make a heavy growth, leaving plants graceful in appearance. Pkt. 15c.

**CORNELL**. New. A very free-flowering variety with extra large flowers of bright red. Each flower has a narrow outer border of glistening white. Pkt. 15c.

**HEAVENLY BLUE**. A variety that is bringing new popularity to Morning Glories. It is an early blooming climber, literally covered with lovely flowers of sky-blue. Flowers 2½ inches across and blooms until frost. Pkt. 10c.

**MIXED IMPERIAL JAPANESE**. These are beyond question the handsomest of all Morning Glories. The flowers are of gigantic size and their colorings beyond description. Pkt. 10c.



LARKSPUR, GIANT IMPERIAL  
CORAL KING

## LARKSPUR (a)

Annual Delphiniums are adorned with finely cut, feathery foliage which set off to advantage the handsome long floral spikes of double blossoms. The colors range from pure white through soft shades of lavender and pink to deep blue.

**GIANT IMPERIAL**. Tall, upright, compact, basal branching in habit, the Giant Imperials have superseded all other types of Larkspurs for general garden use. Their delphinium-like spikes of double florets are carried on stout stems 4 to 5 feet.

**WHITE KING**. Special Mention, All-America Selections, 1937. The flowers are a pure, glistening white, with extremely large double florets, sometimes measuring 2 inches across, evenly spaced on the stem. Early, the finest Larkspur. Pkt. 10c.

**CORAL KING**. Coral King was a running mate to White King for All-America recognition. It has the same form and size and is different only in color—a beautiful coral pink. Pkt. 10c.

**BLUE SPIRE**. Very deep violet blue. Outstanding blue. Pkt. 10c.

**PINK PERFECTION**. The 2-inch florets of rounded broad petals are evenly and closely spaced on the stem, giving a very heavy Hollyhock-like cutting spike 24 inches or more in length. Plants are tall, basal branching upright in habit and very free flowering. Color is a very luscious shade of lively light pink. Pkt. 10c.

**FINEST MIXED**. Pkt. 10c.

**TALL DOUBLE STOCK FLOWERED**. A strikingly tall variety with lateral branches which produce many fine spikes.

a, annual; b, biennial; c, climber; p, perennial; ra, rock plant annual; rp, rock plant perennial.

**ROSAMOND**. Gold Medal Winner, All-America Selections, 1934. Exceptionally uniform in habit, bearing bright rose flowers that hold their color. Is two weeks earlier than other varieties. Pkt. 10c.

**FINEST MIXED**. Pkt. 10c.

## LINARIA, Miniature Snapdragon (a)

This interesting species bears flowers which resemble miniature Snapdragons ending in single elongated spurs. It includes both trailing and erect growing varieties which are little known but worthy of greater attention. Height, 8 to 18 inches.

**MAROCCANA MIXED**. This is an erect sort with finely cut foliage and with blossoms clustered on upright spikes. The colors which are varied embrace many shades of crimson, orange, and blue. The plant is in flower within two months. Pkt. 10c.



# ANNUAL AND PERENNIAL FLOWER SEEDS



MARIGOLD, YELLOW PYGMY



GIGANTEA, DOUBLE ORANGE



NIEREMBERGIA, PURPLE ROBE

## LINUM, *Crimson Flax* (a)

**GRANDIFLORUM RUBRUM.** An old favorite with large, rich crimson blooms borne profusely on plants growing 18 to 24 inches tall. Though the flowers last only one day, new ones appear every morning. Pkt. 10c.

## LOBELIA (a)

A dainty and continuous blooming annual of compact growth, remarkable for its profusion of beautiful blue flowers. Unexcelled for edging, ribbon beds, hanging baskets or window boxes. Height, about 6 inches.

**COMPACTA, CRYSTAL PALACE.** Erect and very free blooming. Best dark blue for edging. Fine for pots. Pkt. 10c.

**HYBRIDA PENDULA SAPPHIRE.** A trailing annual useful in pots and flower boxes where it can trail over the edge and display its beautiful deep blue, white-eyed flowers. Pkt. 10c.

## LUPIN, *Sun Dials*

Thrive in almost any situation. Sow where they are to bloom in May, and as plants grow, thin out to 1 foot apart. The annual varieties bloom freely from June until September, and the perennials make a fine addition to the hardy border.

**RUSSELL LUPINS.** Long, closely furnished spikes flower in a great variety of rich colors—deep yellows, oranges, reds, and brilliant bi-colors never seen in Lupins before. The florets are large with a flat fan-like back-standards, and unlike all other Lupins, most of the spikes retain their florets throughout the whole period of development. Awarded the Royal Horticultural Society's Gold Medal, June, 1937. Pkt. 25c.

**HARTWEGII, ANNUAL, MIXED.** 2 feet high. All shades and colors. Gorgeous. Pkt. 10c.



RUSSELL LUPINS

## MARIGOLD (a)

Late in the season when many other growing things are past their prime, these plants supply an abundance of decorative blossoms. Their tones of orange and yellow blend well when the flowers are arranged loosely in bowls and vases. The bright green foliage is finely cut, and the stems are stout. Tall Marigolds give charm to the border, while the dwarfs are valuable for bedding and edging plants.

**SPRY.** The most profuse blooming of all Marigolds. Extremely dwarf and compact, their maximum height being 9 inches and their spread 15 inches. Flowers resemble those of the popular favorite "Harmony" in that they are composed of a pin-cushion crest. Center bright, clear yellow and guard petals are a lovely contrasting mahogany-red. Pkt. 25c.

**MINIATURE, YELLOW PYGMY.** Honorable Mention. All-America Selections, 1940. Light lemon yellow. Lilliput French double type, growing only 8 inches tall and compact. Small, 1 1/4 inches, blooms rather free. Excellent for edging and potting. Pkt. 10c.

**GIGANTEA, FULL DOUBLE ORANGE.** A distinct new color; flowers average 5 inches and over in diameter. Loosely formed, very full centered, with broad, heavy wavy petals which gracefully overlap. Color is a deep, rich, lively orange, one of the most admired shades found in the Sunset Giants. An ideal cut flower. Height, 3 feet. Pkt. 15c.

**GIGANTEA, FULL DOUBLE MIXTURE.** Very showy, fragrant, and of exceptional size. Flowers are largest ever known in Marigold group, averaging 5 to 7 1/2 inches. A mixture ranging from deep orange through golden orange, deep golden yellow, light yellow, lemon yellow, and a delightful new shade of primrose. Pkt. 10c.

**CHRYSANTHEMUM MARIGOLDS.** A new strain of Marigold Hybrids identical in form of flower with the lovely incurved Chrysanthemum. Plants are very floriferous and the stems are good and strong for cutting. A great advance in African Marigolds in orange, golden orange, and yellow. Pkt. 10c.

**IDABELLE FIRESTONE.** Flowers are fully double, 2 to 2 1/2 in. across, bright reddish mahogany and borne on very long, clean stems. Plants are quite large and vigorous, often reaching a height of 3 feet and spreading as much across. A profuse bloomer. Pkt. 25c.

**AFRICAN TALL DOUBLE** (*Tagetes erecta*). Very large globular flowers composed of compact tubular or quilled petals. The stems should be cut carefully to avoid the somewhat disagreeable odor when bruised. Height, 2 1/2 feet.

**ORANGE PRINCE.** Rich, deep orange. Pkt. 10c.

**LEMON QUEEN.** Clear lemon-yellow. Pkt. 10c.

**MIXED.** Pkt. 10c.

**GUINEA GOLD** (African). Carnation-like petals and unusually brilliant golden color makes this flower outstanding among Marigolds. It lacks much of the pungent odor of other Marigolds. The plant blooms very freely. Height, 2 feet. Pkt. 10c.

**YELLOW SUPREME.** Gold Medal, All-America Selections, 1935. It is a companion flower to Guinea Gold. The color is a delightful light lemon yellow, flowers medium sized, loosely ruffled. Free-blooming, 2 feet tall. Pkt. 10c.



# ANNUAL AND PERENNIAL FLOWER SEEDS

**DWARF FRENCH, DOUBLE, MONARCH STRAIN.** Award of Merit, All-America Selections, 1934. An excellent variety for low borders. A very compact type, with large double flowers, in a wide range of colors, in combination of orange, bronze, yellow and mahogany.

**FINEST MIXED.** Pkt. 10c.

**DWARF FRENCH DOUBLE HARMONY.** Without question one of the very finest Marigolds introduced. Flowers charming and distinct. Scabiosa-like in formation with tubular deep orange center petals flanked by broad velvety dark maroon-brown guard petals. Plants are dwarf, about 1 ft. high, compact, free blooming. Extremely early and most attractive for cutting. Pkt. 10c.

**DWARF ROYAL SCOT, ALL-DOUBLE.** Special Mention, All-America Selections, 1937. Royal Scot is a new achievement in Marigolds, new in color and new in that it is dwarf and double. Its growth is dwarf and bushy, every plant of a uniform shape and height of about 10 to 12 inches. Color is a rich mahogany and gold in uniform stripes. Pkt. 10c.

**SIGNATA PUMILA LITTLE GIANT.** The smallest of all Marigold plants growing only 6 inches high with large golden yellow flowers. Pkt. 10c.

**MARVEL OF PERU** (See Four-o'clock)

**MORNING GLORY** (See Ipomoea)

**MOSS ROSE** (See Portulaca)

**NEMESIA** (ra)

This plant is excellent for edging purposes. Plants send up many slender stalks crowned with fairy-like flowers, something like the Schizanthus. When the flowers fade they may be trimmed back and will bloom again. Their colors run from the brightest reds, yellows, oranges, to the brightest blues and purples. Height, 6 to 12 inches.

**COMPACTA TRIUMPH, FINEST MIXED COLORS.** Pkt. 15c.

**NICOTIANA, Flowering Tobacco** (a)

Stately plants producing large, trumpet shaped, blooms until frost. Fine for beds and borders. Height, 2 to 5 feet.

**AFFINIS HYBRIDS, MIXED COLORS.** Pkt. 10c.

**NIEREMBERGIA HIPPOMANICA** (ra)

**NIEREMBERGIA, PURPLE ROBE.** Bronze Medal, A. A. S. 1942. Few flowers of recent introduction have taken so quickly and thoroughly with the gardening public as the little Dwarf Nierembergia Hippomanica. A very rare criticism of Hippomanica has, however, been the fact that it tends to fade to a very light unattractive color during the heat of summer. To offset this criticism we are this year introducing Nierembergia, Purple Robe, a very fine deep violet-purple shade. Purple Robe maintains its deep color even in full sun and does not fade in the hottest climate. The plant is a neat compact extremely free-flowering one; is only 6 inches tall, with a mature spread of some 10 to 12 inches. A half-hardy perennial, Purple Robe blooms the first year from seed, but must be sown early indoors, for it takes 15 weeks from seeding to flowers. Purple Robe bids fair to become one of the most widely used and universally admired edging or rockery plants. Pkt. 25c. Plants available in season at 75c per dozen. See front inside cover.

**NASTURTIIUM** (a)

Few garden annuals respond with as little care as the Nasturtium. For ease of culture, duration of bloom, brilliancy of coloring, they are unexcelled. All they need is a moderately good soil, in a well drained, sunny position and within a few weeks from the time they are sown until hard frost comes, there is an endless profusion of their gorgeous blossoms.

**INDIAN CHIEF.** Indian Chief has dark foliage with vivid scarlet flowers. The blooms are sweet scented and freely produced. We recommend this variety. Pkt. 10c.

**GOLDEN GLEAM.** Plant forms a vigorous large bush which throws out short runners, averaging 18 inches. The sweet scented, large double flowers are golden yellow and average 2 to 3 inches across. Pkt. 10c.

**SCARLET GLEAM.** A sister of Golden Gleam. Its semi-double blossoms are similar in size and shape to those of the popular golden Nasturtium. Rich, dazzling scarlet. Sweet scented. Fine for cutting. Pkt. 10c.

**GLORIOUS GLEAM HYBRIDS.** Award of Merit, All-America Selections, 1935. Delightfully sweet scented; double. Color range includes brilliant blend of salmon, golden yellow, orange

scarlet, cerise, cream, orange, maroon and crimson shades, and many spotted varieties.

**MIXED COLORS.** Pkt. 10c.

**DWARF DOUBLE GOLDEN GLOBE.** Award of Merit, All-America Selections, 1936. Vivid golden yellow, identical in color to Golden Gleam. Plants uniformly dwarf and compact, and bear great quantities of semi-double sweet scented flowers. Excellent for edging and window boxes. Pkt. 10c.

**DWARF DOUBLE GEM MIXTURE.** Novelty introduction, 1935. An evenly balanced range of colors on dwarf, compact gem-like plants. Ideal annual for border and edging use. Plants are dwarf and compact, totally without runners.

**MIXED COLORS.** Pkt. 10c.

**TALL OR CLIMBING NASTURTIUMS.** For covering trellises, fences, arbors, piazzas, trailing from vases, over rock-work, etc., nothing can equal their great quantities of bloom from early Summer until frost. The seed pods can be gathered while green and tender for picking. Height, 8 to 10 feet.

**FINEST MIXED.** Pkt. 10c.



DWARF BEDDING, CREAM STAR

**PETUNIA** (a)

The seed may be started indoors early in the year in seed boxes and later transplanted or sown out of doors in the Spring. Cover very lightly and apply water with a fine spray. Be careful not to discard the smaller and weaker seedlings. From these the finest flowers are often obtained, the coarse growing plants frequently reverting to the common types.

**CREAM STAR.** Silver Medal, All-America Selections, 1940. Flowers shaped like a five-pointed star; soft creamy white, deepening towards the throat to a bright golden yellow. The entirely distinct color with the uniformity and compact habit of the plants, as well as their profusion of bloom, makes Cream Star Petunia ideally suited for low beds. Plants bloom about 20 weeks after seed is sown. Pkt. 25c.

**HOLLYWOOD STAR.** Silver Medal, All-America Selections, 1939. A charming shade of rich rose with amber throat. Unique in form of flower which consists of a five-pointed star. Pkt. 15c.

**PETUNIA HYBRIDA NANA COMPACTA.** 1 foot. A fine type of Petunia for small beds and borders; often used for pot culture. This Petunia holds its habit very well throughout the blooming season.

**HEAVENLY BLUE** (Silver Blue). Enchanting shade of light silvery blue. Dwarf. Pkt. 15c.

**ROSY MORN.** Soft rose-carmine-pink with a white throat. Dwarf and close-growing. Pkt. 15c.

**MIXED. ALL COLORS.** A very decorative show may be had by sowing these broadcast. Pkt. 10c.

**SINGLE BALCONY PETUNIAS**

A splendid large and free-flowering type for window boxes, vases, hanging baskets, etc. The flowers average 3 inches across.

**DEEP BLUE.** Certificate of Honor, Royal Horticultural Society, 1935. Pkt. 10c.

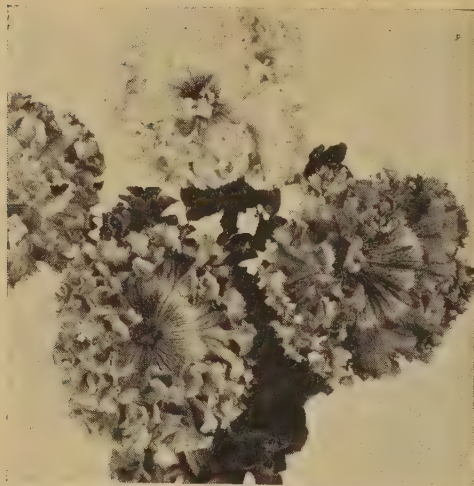
**ROSE.** Rich fiery rose. Pkt. 10c.

**WHITE.** Award of Merit, Royal Horticultural Society, 1935. Pkt. 10c.

**MIXED COLORS.** Pkt. 10c.



# ANNUAL AND PERENNIAL FLOWER SEEDS



SUPER FLUFFY RUFFLES

## GRANDIFLORA SINGLE FRINGED

**THEODOSIA.** Soft rosy pink with contrasting veined golden yellow throat. An outstanding variety in this class. Pkt. 15c.

## RUFFLED GIANTS OF CALIFORNIA

**SUPREME STRAIN.** A new strain of rose and pink shades, light, richly-veined throats surrounded by satiny petals which are heavily ruffled. Large blooms, 5 to 7 inches in diameter, produced on strong, richly-foliaged plants. Excellent bedding variety; fine window box type. See illustration on front cover. Pkt. 25c.

## DOUBLE VARIETIES

We offer the finest strain of double Petunias and suggest that seed be started indoors in boxes or pans. The small, crumpled seedlings will give the finest flowers.

**CHOICE MIXED COLORS.** Pkt. 35c.

## PETUNIA MINIATURE (Dwarf Compact Varieties)

**ROSE GEM.** Award of Merit, All-America Selections, 1936. Rose Gem is the best new miniature Petunia. The flowers are a deep rich rose on neat compact plants, 6 inches high. Each flower is 2 inches in diameter. Pkt. 15c.

**PETUNIA, SUPER FLUFFY RUFFLES.** A new ruffled and frilled type of Petunia that has the appearance of being almost double. Practically 100% true. Flowers are very large with a deep throat. The mixture is well-balanced with shades of pink and white, salmon, salmon-pink, deep rose, rose, crimson, and light blue. Pkt. 25c.

## PANSY, Heart's Ease (b)

When the bright hues of the Tulips and Daffodils have faded, the rich, deep and varied shades of the Pansies provide a welcome change in the flower beds. The varieties listed produce large blooms of good substance, regular markings, and full rich coloring. Low growing.

**SWISS GIANT or ROGGLI.** Within the last few years the blossoms of this strain have been remarkably improved in every way. The plants are compact in habit and they produce immense circular flowers for a long blooming season. Attractive shades.

**FINEST MIXED.** Pkt. 35c.

**STEELE'S MASTODON.** A vigorous Oregon type, particularly desirable for cutting as the plants are taller and have longer stems. Esteemed for bedding. A fine blend for bright effects.

**FINEST MIXED.** Pkt. 35c.

**POPULAR BEDDING MIXTURE.** These are the popular saucy-faced beauties that everybody loves, comprising the finest varieties in all colors. Pkt. 25c.

## PAPAYER (See Poppy)

## PHLOX DRUMMONDI (a)

A valuable and showy annual highly esteemed for bedding,



PANSIES

for massing and for borders. The plants grow about 1 foot high, thrive in practically any soil if given a sunny location and bloom the entire season. Seed may be started in boxes and transplanted or sown in the open in Spring.

**GIGANTEA, RED GLORY.** Here is the brightest color that we have ever seen in phlox. The color is a brilliant red with a large creamy white eye which seems to intensify the red into an unbelievable sharpness. Florets often as large as a half dollar. Pkt. 25c.

**GRANDIFLORA.** Comes in a grand mixture of fine colors. Pkt. 10c.

**GIGANTEA ART SHADES.** A new strain of annual Phlox with single florets as large as an inch and one-half in diameter. The colors are soft pastel shades, such as apple blossom pink, salmon, light blue, pale violet, etc. Pkt. 15c.

**DECUSSATA.** Mixed. 2 to 3 feet. From a superior collection of large flowering sorts. Perennial Phlox do not come true from seed and can be had only from mixture. As a result of this one may experience many thrills from a packet of seed. Pkt. 10c.

## PORTULACA, Moss Rose (ra)

Brilliant hardy annual, of easy culture; excellent for massing in beds, edging or rock work, thriving best in a light, sandy soil and a sunny situation. Flowers of the brightest colors. Height, 6 to 10 inches.

**DOUBLE MIXED.** Pkt. 10c.

**SINGLE MIXED.** Pkt. 10c.

## PINKS (See Dianthus)

## POPPY, Papaver

Annual Poppies should be sown as early as possible in the Spring where they are to remain as they do not transplant readily. Mix the seed with builders' sand, using about 25 times as much sand as seed, then broadcast seed on surface of the ground and firm well. Plants should be thinned out to 6 inches apart for best results. Seed may be sown in rows also and in succession up to the middle of May.

**SHIRLEY (a).** Known as the Flanders Field Poppy of the World War. The plants with their deeply cut foliage, slender hairy stems, and silky petaled blossoms, often fluted, present an airy picture as they nod in the breeze. Height, 18 inches.

**ALL-DOUBLE FLOWERED.** Improved strain of all-double Begonia-type flowers. Range of colors from light pink to dark crimson with fair sprinkling of Picotee types in scarlet and vermilion shades. One of the most excellent flowers for mid-summer blooms and for cutting. Pkt. 15c.

**SINGLE MIXED.** A superb blend of this beautiful type of Poppy ranging in color from pure white through tones of salmon, pink, and rose to brightest carmine-red. Pkt. 10c.



# ANNUAL AND PERENNIAL FLOWER SEEDS

**NUDICAULE** (p) (Iceland Poppy). A hardy Poppy slightly resembling the Shirley. Somewhat different in habit and contains many shades of yellow and orange. Height, 18 inches.

**SANDFORD'S MIXED GIANTS.** The finest strain of mixed colors in Iceland Poppies. The colors are well balanced. Large flowers grow on strong stems from 2 to 3 feet high. Pkt. 15c.

## **PYRETHRUM, Painted Daisy (p)**

This plant is cousin to the Chrysanthemum and Matricaria and should play an important part in many a well planned garden. Height, 1 to 2 feet.

**SINGLE MIXED.** Radiating petals in many tones of rose and red about a golden center. Pkt. 10c.

## **RED HOT POKER (See Tritoma)**

## **RICINUS, Castor Bean (a)**

Magnificent, tall, large-leaved plants of tropical appearance, succeeding in a warm, sunny location. Beautiful for large foliage groups and background. Height, 10 to 12 feet.

**MIXED VARIETIES.** Pkt. 10c.

## **RUDBECKIA, Cone Flower (a)**

**KELVEDON STAR.** Deep golden yellow with deep mahogany zones, and dark brownish central disc. Long stems. Pkt. 15c.

## **SALPIGLOSSIS, Painted Tongue (a)**

For delicate grace, richness of coloring, and velvety texture, the regal Salpiglossis has practically no equal. From a low base of leaves rise slender wiry stalks which bear one or more large Lily-like flowers in a magnificent range of colors. Height, 1 to 2½ feet.

**LIGHT BLUE AND GOLD.** Pkt. 10c.

**ROSE CRIMSON AND GOLD.** Pkt. 10c.

**PURPLE AND GOLD.** Pkt. 10c.

**SUPERB MIXED.** Pkt. 10c.

a. annual; b. biennial; c. climber; p. perennial; ra. rock plant annual; rp. rock plant perennial.



SCABIOSA, BLUE MOON

## **SCABIOSA, Pincushion Flower (a)**

These beautiful hardy annuals are in great demand. They grow about 2½ feet high and bloom from early in July without interruption until cut down by the frost. As a flower for cutting they are very popular. Seeds should be sown any time in the Spring after danger of frost is past.

**SALMON BEAUTY.** Pure salmon with huge flowers. Vigorous. The stems are long and stiff, making it a most popular flower for the garden or for cutting. Pkt. 15c.

**IMPERIAL GIANTS, BLUE MOON.** Honorable Mention, All-America Selections, 1939. An entirely different and improved flower and plant from the existing Scabiosa varieties. Fully double extremely large and deep. Petals broad, heavy, and wavy, entirely eliminating the pincushion center, rich deep lavender blue. Tall growing and very upright with long, wiry, heavy stems in which the weak neck of the older types is completely eliminated. Ideal for cutting. Pkt. 15c.

**GIANT HYBRIDS, MIXED.** Pkt. 10c.

## **HARDY PERENNIAL VARIETIES**

**CAUCASICA.** Giant Hybrids (Isaac House Strain). Fringed and ruffled, shades of blue from lavender to dark blue; very large flowers. Pkt. 15c.

## **SCHIZANTHUS, Butterfly Flower (a)**

One of our finest hardy annuals. Of easy culture in any good garden soil. Showy flowers of various colors, closely resembling some species of Orchids. Also useful as pot plants for late Winter and Spring; for this purpose sow in Autumn.

**BUTTERFLY MIXTURE.** Fine bright mixture, free flowering, compact pyramidal plants, 12 to 15 inches. Pkt. 10c.

## **SHASTA DAISY,**

### **Chrysanthemum Maximum (p)**

It is a hardy plant bearing large white, single blooms with handsome yellow centers. They are valuable for border decoration and especially pleasing in bouquets.

**DIENER'S DOUBLE.** A new Shasta Daisy of delicate double form. Diener's Double Shasta Daisy is of exquisite form, a strong grower and a welcome addition to this branch of the flower family. Pkt. 50c.

**ALASKA.** Pure white, extra large flowers. Excellent for cutting. Height, 2 feet. Pkt. 10c.

## **STOCKS, Gilliflower (a)**

These popular flowers are easily grown, are so highly fragrant, and of such great beauty that they deserve a place in every garden. The Early Giant Imperial class are half-hardy annuals. Beauty Stocks are biennials, but if sown in early Spring will bloom the same year. They are also valuable for Winter forcing.

**BEAUTY OF NICE.** It follows the Ten Weeks class in season of bloom. The plants are pyramidal in shape, branching above the base. Excellent for bedding and cutting. Height, 16 inches.

**FINEST MIXED COLORS.** Pkt. 10c.

**GIANT IMPERIAL.** Long stems and imposing spikes of large flowers make this the outstanding variety. It is about as early as Beauty of Nice and resembles it in habit, except that the plant is less spreading and taller. Height, 2 feet.

**YELLOW (BUTTERCUP).** Pkt. 15c.

**BLOOD RED.** Pkt. 15c.

**ROSE.** Pkt. 15c.

**LAVENDER.** Pkt. 15c.

**WHITE.** Pkt. 15c.

**FINEST MIXED COLORS.** Pkt. 10c.

## **SNAPDRAGON (See Antirrhinum)**

## **STRAWFLOWER (See Helichrysum)**

## **SUNFLOWER (See Helianthus)**

## **SWEET SULTAN (See Centaurea)**

## **SWEET WILLIAM, Dianthus Barbatus (b)**

A well known, attractive, free-flowering hardy biennial, producing a splendid effect in beds and borders with their rich and varied flowers. Height, 10 to 20 inches.

**NEWPORT PINK.** Watermelon pink or salmony rose color. Very beautiful. Pkt. 10c.

**SCARLET BEAUTY.** Rich, deep scarlet. A rare color in hardy plants and very effective. Pkt. 10c.

**SINGLE VARIETIES, MIXED.** Pkt. 10c.

**DOUBLE VARIETIES, MIXED.** Pkt. 10c.

## **TRITOMA, Red Hot Poker (p)**

A perennial, not strictly hardy, but will live through the Winter with a protective covering of leaves or short manure; or the roots may be lifted and carried over Winter in sand in a cellar. Height, 4 to 6 feet.

**MIXED HYBRIDS.** Pkt. 10c.



# SWEET PEAS

## CULTURE OF SWEET PEAS

**CULTURE**—First and most important, plant as early in the spring as the conditions will permit. Seeds should be sown at the rate of one ounce to 15 feet. Make a trench about 3 or 4 inches deep, planting seeds in the bottom about 2 inches deep, pressing the soil firmly. After the plants are well up, thin to 4 or 5 inches apart and draw the soil around them until the trench is filled above the level. This gives a depth to the roots, preserving the moisture. Keep the ground well worked and water if needed, an occasional soaking down being better than a daily sprinkling. Keep the flowers cut close.

**FALL GROWING OF SWEET PEAS**—On well drained soils, fall planting of Sweet Peas brings greater satisfaction to the grower by producing larger blossoms on longer stems and through a longer season starting two or more weeks earlier. In early October, plant in trenches 8 to 10 inches deep, covering 2 inches putting on more earth as peas grow.

### SPECIAL MIXTURE SPENCER SWEET PEAS

This is our special mixture and is a blend of all the most beautiful colors in Spencer Sweet Peas.

Pkt. 10c; oz. 30c; ¼ lb. \$1.00, postpaid.

## GIANT SUMMER FLOWERING SPENCERS

**ALL COLORS.** Pkt. 10c; oz. 40c, postpaid.

### PINK AND ROSE SHADES

**ROSE PINK.** Silver Medal, All-America Selections, 1940. Large, wavy, rose-pink flowers on white ground. New type, maturing between the early flowering and the Spencer classes. Is taller and has longer stems than either of the others.

**PINKIE.** Rose-pink with large and frilled flowers. This variety is seldom affected by weather conditions and first-class blooms can be cut all during its long blossoming period. Silver Medal.

**CISSIE.** A soft cream pink. Extra large flowers which bloom in abundance and have long stems.

**LULLABY.** Charming shade of light rose pink. A strong grower. Award of Merit. National Sweet Pea Society, 1934.

**YOUTH.** This Sweet Pea can be described as a white ground Picotee but with slightly deeper color on the edges than its predecessor in this group. Strongly perfumed.

**PEGGY ANN.** A late flowering variety of great beauty and distinction. A new and glowing shade of salmon pink. Most bewitching under artificial light. Delightfully perfumed. The stems are very long and stout with four huge blooms to a stem.

### LAVENDER AND BLUE SHADES

**AMBITION.** Rich deep lavender, with a darker shade on the base of the standard and wings when young, lessening as the bloom ages. Gold Medal and Award of Merit.

**POWERSCOURT.** A clear pure lavender. Has been considered the best lavender for a number of years. It is still the most popular. The flowers are very pure in color.

**THE ADMIRAL.** Largest and best navy blue. The color is richer and deeper than Fortune. Award of Merit, Scottish National Sweet Pea Trials. Award of Merit, Royal Horticultural Society.

**CHINESE BLUE.** Chinese Blue is a solid, rich, deep blue without the objectionable fading out on the edges. The stems are long and bear four blooms throughout. Plants are strong and vigorous with a blooming season longer than that of the average Sweet Pea.

### WHITE AND CREAM SHADES

**SEXTET QUEEN.** Pure white flowers of perfect form and of great substance. Normally produces five-flowered stems when grown under ordinary conditions. Black seeded. Award of Merit.



**AVALANCHE.** Immense glistening white flowers. The blooms are very frilled. White seeded.

**WHAT JOY.** Primrose, shading to cream. A charming tone and so far the nearest approach to a true yellow.

### ORANGE AND SALMON SHADES

**GEORGE SHAWYER.** A giant orange pink, the standard showing more orange than the wings. The flowers are perfectly formed and nicely placed. Award of Merit.

**SMILES.** Clear glistening salmon, best describes this exquisite variety. The large flowers are beautifully waved and fluted. Award of Merit.

### CERISE SHADES

**MRS. A. SEARLES.** Salmon-cerise, merging into a soft oriental-red. A remarkable and distinct color. No collection is complete without this beautiful Sweet Pea.

**ARTISTE.** Clear geranium pink; a rare color. Flowers are large and quite frilled. An outstanding Sweet Pea.

### RED SHADES

**RED BOY.** The very best crimson. It is a first class Sweet Pea for all purposes, especially for general garden culture. Award of Merit.

**WELCOME.** By far the best and most brilliant, dazzling, scarlet Sweet Pea. For exhibition or gardens it is supreme. Absolutely sunproof. Silver Medal, Scottish National Sweet Pea Society.

### RUFFLED VARIETIES

**BONNIE RUFFLES.** A rich delicate salmon-pink on cream. Pkt. 10c.

**RUFFLED BURPEE BLUE.** A very fine dark blue. Pkt. 10c.

**RUFFLED CRIMSON.** Rich velvety crimson. A beauty. Pkt. 10c.

**RUFFLED EXQUISITE.** Salmon cerise. Pkt. 10c.

**RUFFLED ORCHID.** Rich lavender rose. Pkt. 10c.

**RUFFLED ROSE.** A very rich rose. Pkt. 10c.

**RUFFLED MIXED.** A blend of the above colors. Pkt. 10c.



# ANNUAL AND PERENNIAL FLOWER SEEDS

## VIOLA, Tufted Pansies (a)

**WALLER FRANKLIN FORMULA MIXTURE.** This blend of bright gay colors far surpasses any mixture of Violas we have seen. Bright shades of self colors of red, yellow, blue, and apricot combined with many shades which are blotched, undoubtedly make these Violas a supreme mixture. Pkt. 25c.

## VIRGINIAN STOCKS, French Forget-me-nots (ra)

Small red, rose and white flowers about  $\frac{3}{4}$  inch across. Fine for edgings. For continuous display until Fall, several successive sowings should be made about two weeks apart. Height, 6 to 8 inches.

**MIXED COLORS.** Pkt. 10c.

## VERBENA (a)

One of the most popular garden annuals for beds and massing and for a gorgeous display during the Summer months cannot be excelled, commencing to flower in July and continuing until frost. Height, 6 to 8 inches.

**VERBENA HYBRIDA GRANDIFLORA CRIMSON GLOW.** Flowers are pure, self-colored, glowing crimson, wholly without even a small light eye. Individual florets of good size, although not as large as some other colors, such as pink and lavender. Pkt. 15c.

**FLORADALE BEAUTY.** Special Mention, All-America Selections, 1937. A giant hybrid, the flowers varying from bright rose-pink to deep rose-red of exceptionally brightness. Individual florets of perfect form, fully rounded, and average  $1\frac{1}{4}$  inches across; heads or trusses 4 to 5 inches across. Pkt. 15c.

**HYBRID GRANDIFLORA GIANT, MIXED SHADES.** Pkt. 10c.



## ZINNIA (a)

One of the most showy and satisfactory of our hardy annuals for beds, mixed borders and for cutting purposes. Easy to grow in any good garden soil. They commence flowering early in the Summer and continue until frost.

**DOUBLE DAHLIA FLOWERED.**  $2\frac{1}{2}$  feet. Enormous double flowers are produced by robust branching plants. The flowers usually have slightly hollowed centers ringed with small tubular florets. The petals are quite loosely placed and tend to curl at the edges, giving the blossoms a crisp, fresh appearance.

**CRIMSON MONARCH.** Deep crimson, large flowers. Pkt. 10c.

**DREAM.** Deep rosy lavender. Pkt. 10c.

**EXQUISITE.** Light rose, deep rose centers. Pkt. 10c.

**GOLDEN DAWN.** Golden yellow. Pkt. 10c.

**ILLUMINATION.** Deep self rose. Pkt. 10c.

**ORIOLE.** Orange and gold bicolor. Pkt. 10c.

**POLAR BEAR.** White. Pkt. 10c.

**SCARLET FLAME.** Bright scarlet. Pkt. 10c.

**CALIFORNIA GIANTS.** This variety is taller than the Dahlia flowered type, 3 to 4 feet high, with long stems which make the flowers fine for bouquets. The blooms are large and flat and very graceful for their size.

**MIXED.** Pkt. 10c.

**FINEST MIXED SHADES.** Pkt. 10c.

**SUPER CROWN OF GOLD, PASTEL TINTS.** The finest large-flowered Zinnia, with large well formed flowers. Contains a wide range of pastel shades, including soft yellow, old gold, light pink, various shades of salmon, peach, and buff, cerise salmon, white, and cream, each petal overlaid at the base with deep golden yellow. Flowers are borne profusely throughout the season on strong, robust plants. Mixed shades. Pkt. 15c.

**FANTASY.** A new Zinnia type. Shaggy, medium-sized flowers on plants  $2\frac{1}{2}$  to 3 feet high. Free blooming. Excellent for cut flowers.

**WILDFIRE.** A rich, dazzling scarlet. Wildfire adds a distinct note of color and cheerfulness to the garden and will enliven any home when used in flower arrangements. Plants neat in habit, strong growing, and very free blooming;  $2\frac{1}{2}$  to 3 feet in height; coming into flower 45 to 50 days after seed is sown. Pkt. 25c.

**WHITE LIGHT.** Honorable Mention, All-America Selections, 1939. As near to a pure white as any Zinnia yet developed. Practically 100 per cent true. These medium sized, shaggy-petaled, informal flowers are lovely in flower arrangements. The free blooming plants,  $2\frac{1}{2}$  to 3 feet in height have stems of good length for cutting and will flower in 45 to 50 days. Pkt. 15c.

**ORANGE LADY.** A rich shade of deep bright orange. Medium sized flowers are shaggy and gay in appearance; a colorful spot of color in the garden and extremely desirable for cutting. Pkt. 15c.

**STAR DUST.** Silver Medal, All-America Selections, 1937. The lovely golden yellow variety in the popular Fantasy type Zinnias. Informal, shaggy-petaled, medium-sized flowers on plants  $2\frac{1}{2}$  to 3 feet in height; stems of good length for cutting. Plants are free blooming and make a fine show of color in the garden. Pkt. 15c.

**FANTASY MIXED SHADES.** Pkt. 10c.

**DOUBLE LILLIPUT.** 12 inches. A charming dwarf which is excellent for low borders or edgings. The plants are of tidy habit and produce a bounteous supply of very double pompon flowers about  $1\frac{1}{2}$  inches across. The colors are bright.

**MIXED.** Pkt. 10c.

**TOM THUMB.** These tiny flowered Zinnias have a charm the larger ones can never attain, and make a brilliant display. They come in attractive color combinations, red tipped gold, salmon and gold, with a hundred intermediate shades.

**ALL COLORS MIXED.** Pkt. 10c.

**HAAGEANA DOUBLE (Mexican Hybrids).** The small flowered Mexican Zinnias have a charm all their own. The smaller flowers lend themselves to bedding and make a brilliant display and yet have stems long enough to make fine bouquets for small vases and bowls.

**FINEST MIXED.** Pkt. 10c.

**ZINNIA LINEARIS.** This little dwarf variety of Zinnia is most unusual and interesting. The flowers are single and of a lovely shade of golden orange, with a delicate lemon yellow stripe through each petal, while the center is dark brown in the young flowers, turning golden orange as the flower develops. Blooms are produced in great profusion. Height, 8 to 10 inches. Pkt. 10c.

**HOWARD'S GIANT CRESTED ZINNIAS.** (See outside front cover.) A proved new zinnia. The flowers when well grown measure 4 to 5 inches across with a full rounded cushion-like center of quill-like petals surrounded by broad guard petals. Practically all colors seen in zinnias will be found in this mixture. This zinnia is in our opinion, the finest for cutting. Be sure to include Howard's Crested Zinnia in your garden this year. Pkt. 25c.





POTTED TUBEROUS ROOTED BEGONIAS

## TUBEROUS ROOTED BEGONIAS

Plant Begonias in the partially shaded spot in your garden. They will give you no end of pleasure from bloom from mid-summer until frost. We will gladly send you cultural instructions. Begonias are easy to grow with knowledge of just a few of the essentials of culture. Few flowers present the beauty of form and color possessed by Tuberous Begonias. By all means plant them in your garden. We can supply the following varieties for 25c each, \$2.50 per dozen, postpaid. Giant size tubers, see illustration, inside back cover.

**GIANT SINGLE.** A truly beautiful single Begonia of deep yellow color.

**GIANT CAMELIA DOUBLE.** A beautiful shade of deep pink, an exquisitely formed flower, large, not too compact, resembles a Camelia in form.

**GIANT FIMBRIATA.** This is the Carnation type. Flesh pink and white blended to present a most lovely combination.

**GIANT ORANGE FRILLED.**

Probably one of the most colorful and outstanding Begonias. Burnt orange color, tinged yellow with distinctly frilled edges.



TIGRIDIA

## TIGRIDIA (Tigerflower)

**TIGRIDIA PAVONIA GRANDIFLORA.** A very splendid flower. One of the most showy of garden plants. The curious three-petaled flowers are very large and are wonderfully marked and spotted. Plant 2 inches deep and 4 to 6 inches apart in shade or half shade. Four bulbs, 50c; \$1.50 per dozen, postpaid.

## Use ORTHO SCRAM . . . Dog Repellant

A Powder used around Lawns and Shrubs to repel dogs.

**Special Shaker Package, 49c.**

## BLEEDING HEART ROOTS

**DICENTRA SPECTABILIS.** A very well-known and popular hardy perennial. An old-fashioned favorite; its long racemes of graceful heart-shaped pink flowers are always attractive; it is used also for forcing in the house, and is perfectly at home in any part of the hardy border, and especially valuable for planting in clumps. Spectabilis should be grown in a partially shaded border. Plant in the fall or very early spring, placing plants about 2 feet apart. If your soil is on the heavy side, add sand or sharp gravel to insure drainage. Large plants, 50c each, postpaid.



BLEEDING HEART



PEONY

## PEONIES

Peonies should be planted in the fall for best results, but can be planted in early spring or late winter. Plant in a well drained position, preferably in a sandy loam soil. Work a cupful of bone-meal into the soil before setting the root. We supply strong 3-5 eye roots.

**ALBERT CROUSSE.** A very fresh salmon-pink delicate color. Bears a large compact bomb-shaped flower; fragrant; erect; medium height. Late bloomer. 75c each, postpaid.

**COURONNE D'OR.** One of the best white peonies, medium height, large flower of excellent form. 75c each, postpaid.

**OFFICINALIS RUBRA PLENA.** This is the old-fashioned very early blooming brilliant red peony. Never been excelled for brilliance. 80c each, postpaid.

**FRAGRANT.** Cherry red, of good form and substance. Brightest of the reds. 80c each, postpaid.



# GLADIOLUS

## FOR SUMMER GARDENS

4 for 25c; dozen 65c

Postpaid

**ALBATROSS** (Pf.) Unquestionably the clearest white gladiolus ever introduced. Grows 5 ft. tall. Has good substance and opens five or six large blooms at a time.

**BAGDAD**. Smoky old rose somewhat darker toward the edge and lighter in the throat. It is practically a smoky self color.

**BETTY NUTHALL** (Sal.) A glowing orange pink, with a light yellow throat, and a light feathering of carmine. The florets are often 6 inches across and are of splendid substance and placement.

**DR. F. E. BENNETT** (D). The popular, well known fiery red. One of the most brilliant scarlets grown. Fine large flower.

**KING ARTHUR**. One of the most unusual glads in existence. Beautiful and immense heavily ruffled rosy-lavender blooms of a distinct form and shade.

**LA PALOMA** (Dus.) Heavy textured, deep rich orange. Stands sun and rain better than most oranges. Tall, strong, healthy grower.

**PICARDY** (Palmer). Color, soft apricot pink with a silvery sheen, feathering of slightly deeper color in the throat. The individual florets are extremely large, slightly ruffled and of a heavy waxlike substance.

3 for 25c, doz. 85c, postpaid.

**AVE MARIA** (Pf.) Large flowering. Light blue with small purple blotches. Excellent facing and remarkably good spike.

**COMMANDER KOEHL** (Pf.) Large dark scarlet red. without markings or blotches. Individual florets 6½ inches across, of which there are six or seven open at a time.

**DREAM O' BEAUTY**. Large rose red. A good color and strong grower. One of the finest in this shade.

**GATE OF HEAVEN**. Beautiful deep yellow with greenish yellow buds. Medium height. A delightful glad. 15c each.

**MINUET** (Coleman). Wonderful clear lavender. A lavender by which all others are judged. Six or seven wide open florets open at a time. Arranged perfectly on straight spike.

**RED PHIPPS**. Brilliant light scarlet. Splendid for cutting as color is excellent for indoor use. Fine form, exquisite color.

**WURTEMBERGIA**. Immense fiery scarlet with cream white throat. Spikes very tall and always straight. The most brilliant red.

2 for 25c, doz. \$1.25, postpaid.

**BEACON** (Palmer.) Clear bright rose-scarlet with a large cream blotch; medium large, slightly ruffled, 8 to 10 open on a very tall straight spike.

**J. S. BACH** (Pf.) Salmon with white midrib. A wonderful exhibition variety with as many as eight florets open on all spikes. One of the largest of the early blooming Gladiolus. Good propagator.

**LA FIESTA**. Fine, long tapering spikes of rich orange blooms. Up to ten good sized well faced florets open at a time. Good propagator.

**MOORISH KING** (Pf.) Extremely large and the most beautiful deep velvety red individual flower ever seen in this color. Flowers are unusually well placed. Blooms late. 15c each.

**ROSEMARIE PFITZER** (Pf.) A favorite exhibition variety. Good spikes with 8 or 9 large florets open at a time. Color is a cream white often flecked or shaded with pink.

**SHIRLEY TEMPLE** (Pruitt). Creamy-white with a darker throat. Individual florets over 6 inches across, with 6 or 7 open. Splendid grower.

**STAR OF BETHLEHEM**. Very large cream white with six to eight well placed blooms open. This is the best exhibition white on the market. 25c each.

**VAGABOND PRINCE** (Palmer). Iridescent garnet - brown, lighter in upper throat and small blotch of glowing scarlet-red on lip petal. 8 to 10 open on tall straight spike. Prolific.



SHIRLEY TEMPLE

### TIP-TOP GLAD MIXTURE

In this mixture we give you only the choicest of varieties at a price that will permit of volume buying. We assure you an assortment of the latest sorts and finest colors. Prices, postpaid, 40c doz., \$3 per 100.

Gentlemen: Three years ago I ordered glad bulbs from you and they were all anyone could ask for but this year they excel everything I have ever seen. Some of them are about 5½ ft. tall and flowers that measure 7 inches. Wish you could see them.

Very truly,

(Signed) MRS. O. C. WHEELER.  
Vida, Oregon.





### No. 3 ROBIN SHELTER HOUSE

A sheltered shelf for Robins, Phoebe's and other birds that will not nest in a closed house. In winter it may be utilized as a feeder. Made entirely of rustic hemlock and southern cypress, with copper ridge. Height 10 in. Price \$2.30, mailing wt. 6 lbs.



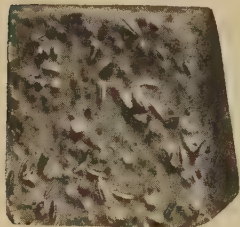
### No. 50 WREN HOUSE

Yes, it's a genuine coconut. Unique, you must confess, but thoroughly practical. Receives the Wren's approval. Ideal for your own garden or for a gift. Easily opened for cleaning. Price 80c, mailing wt. 2 lbs.



### No. 150 SUET AND SEED FEEDER

A genuine coconut shell chock full of suet, seed, berries, peanuts, etc. Just the thing to bring Chickadees, Nuthatches and Woodpeckers. English Sparrows dislike a feeder which swings like this one and seldom use it. Complete with rack, \$1.35. Mailing wt. 4 lbs.

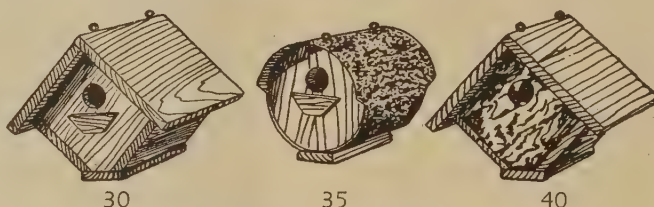


### WILD BIRD CAKE

This is the Famous Bishop Suet-seed Cake. A balanced food. Once you've used Bishop Wild Bird Cake you'll agree that no other food quite equals it for attracting the birds. A complete food in cake form. These cakes will not crumble, are odorless and clean to handle. No paraffin or other filler used. Price, 30c each; \$3.00 per dozen. Mailing wt. 24 lbs. per dozen.

# BISHOP RUSTIC BIRD HOUSES AND FEEDERS

Attracting wild birds to gardens and grounds is a highly satisfying project that almost everyone may undertake and enjoy. Those who try this fascinating hobby invariably find it entertaining, educational and profitable too, because birds wage a constant battle against destructive insect pests. Our Rustic Bird Houses and Feeders are tested in the field. These experiments, conducted for many years, have resulted in designs of construction to conform to the wild-bird's wants and particular whims. Prices quoted are f.o.b. Medford. Please add postage. Weights indicated.



### WREN HOUSES

No. 30	..... 7 1/2 inches	..... \$1.20, wt. 3 lbs.
No. 35	..... 8 inches	..... .75, wt. 2 lbs.
No. 40	..... 7 1/2 inches	..... 1.50, wt. 3 lbs.

All are durably built of rustic materials.



### No. 8 CHICKADEE HOUSE

A home for such such birds as Chickadees, Titmice, and Nuthatches. The roof, front and sides are of winter cut hemlock. The front is removable for cleaning. Price, \$3.15; mailing wt. 6 lbs.

### No. 101 SUET RACK

This extremely popular model is sold only with Bishop Wild Bird Cake. Rack is of pine. A bark-covered roof protects food from the weather. Price, complete with Cake, \$1.25; mailing wt. 4 lbs.



### No. 116 SEED FEEDER

This simple yet durable model is made of cypress or pine and roofing material. Hinged roof facilitates filling. Price, \$1.15; mailing wt. 3 lbs.



### No. 7 TREE SWALLOW HOUSE

This house is also suitable for Bluebirds. May be mounted on a pole or hung from tree branch. Of cypress with rustic trim and copper ridge. Hinged side. Price, \$2.65; mailing wt. 5 lbs.



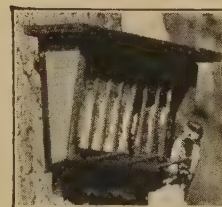
### No. 81 BLUEBIRD HOUSE

Unique in design but thoroughly practical. Rustic ends. Sides and top of mixture roofing material. Removable floor. Price, \$1.40; mailing wt. 5 lbs.



### No. 104 SEED FEEDER

This rustic seed feeder prevents waste and gives a constant supply of food. Made of rustic hemlock and clear-grained cypress. Roof hinged for filling hopper. Glass front permits clear view of food supply. Price, \$2.75; mailing wt. 5 lbs.



### No. 118 SUET RACK

A model designed to hold a large piece of suet or two Bishop Wild Bird Cakes which come free with this feeder. Made of pine with hardwood dowels for the rack and perches. Improved hinged roof. During the spring it may be used for nesting material. Price, \$2.50; mailing wt. 4 lbs.



# for Finer Lawns, sow **Monarch**

## TESTED LAWN SEED

### **Monarch** **VELVETY** **LAWN GRASS MIXTURE**

THIS PERFECTLY BLENDED LAWN GRASS MIXTURE WILL GIVE YOU A LAWN YOU CAN MOW IN SIX WEEKS FROM PLANTING. VELVETY LAWN Grass Mixture is a combination of grasses and clover mixed in such proportions as to give you a quick, sturdy and beautiful lawn. The faster growing grasses contained in Velvety Mixture serve as nurse crops for the slower growing varieties which are eventually the dominating grasses of the mixture. We placed Velvety Mixture on the market many years ago and from time to time have improved the blend by reducing some of the proportions and increasing the quantities of better grasses contained in the mixture until now in our IMPROVED VELVETY MIXTURE we have a grass that pleases wherever it is planted. Rate of seeding is 1 lb. to 250 sq. ft. **Price, lb. 70c (by mail 80c).**



### **Monarch** **SHADY** **LAWN MIXTURE**

It is difficult to grow a lawn under the shade of trees unless shade-loving grasses are selected. We have made up a mixture of such grasses in combination with White Dutch Clover. This mixture will produce a luxuriant lawn beneath the shade of trees. Our Shady Lawn Mixture will solve that "shade problem" and give you just the turf you have always wished for. Shade-loving grasses dominate this mixture insuring success in your efforts to get grass started under shade trees. Rate of seeding is 1 lb. to 250 sq. ft. **Price, lb. 90c (by mail \$1.00).**

## STRAIGHT LAWN SEEDS

**CREeping RED FESCUE.** This is the lawn grass you'll hear much about as time goes on. Creeping Red Fescue combines the close growing qualities of Bent Grass with the dark green colors of Fescue. The grass blades are very fine texture, and the grass most sturdy and hardy. The finer lawns of the future will be planted to Creeping Red Fescue because of its enduring beauty and ruggedness. Red Fescue is not susceptible to brown patch and fungus diseases that attack Bent Grasses. **Per lb. \$1.10, postpaid.**

**HIGHLAND BENT GRASS.** For the finer lawns use Highland Bent. Particularly adapted to interior regions. **Per lb. \$1.10, postpaid.**

**CHEWING'S FESCUE.** A valuable grass, Especially good in shady places. Produces an upright turf of very fine texture. **Extra Fancy Seed, per lb. 90c, postpaid.**

**KENTUCKY BLUE GRASS.** We offer this grass seed in three grades, all of extra fancy quality, recleaned, free of weeds and high in germination. **Extra Fancy Seed, per lb. 60c; Fancy Seed, per lb. 50c, postpaid.**

**WHITE DUTCH CLOVER.** Extra fancy seed, free of weed, of high germination. **Per lb. \$1.25, postpaid.**

## BEWARE of LAWN MOTH

(Sod Webworm)

The damage by lawn moth grubs is no doubt the greatest factor in unsuccessful lawns. The adult of this worm is a night flying moth which on warm summer evenings will completely cover the lawn in some districts. These adults deposit eggs in the grass. Here they hatch in a few days into a grub. This grub is a whitish-brown worm with a bright dark brown head. Immediately after the grub emerges from the egg it enters the soil, where it feeds on the roots of the grass; and being possessed of a very large appetite it devours a huge quantity of grass roots daily. An army of these grubs that set to work in a lawn will cause large spots to die out all over it in a very few days.

There has been a tendency in the past to liken this damage to "brown patch" (a well-known grass disease), to lack of water, and, or to insufficient fertilizer, therefore, adding to the damage, fungicides have been applied, fertilizers have been spread on, the lawn reseeded and the grass has been drenched with water to no avail. A simple cure for this devastating grub is **BARFOOT ROTENONE SPRAY**, listed on page 47. For further data on the control of lawn moth please write us. Free literature will be sent you without cost.



*Sprayed on your lawn in diluted form*  
**LAWN SINOX destroys**

weeds, including dandelions, crab grass, chickweed, plantains, yarrow moss and many others without permanent injury to the grass. LAWN SINOX has been thoroughly tested and is recommended by leading Agricultural Colleges.

To you who are trying to save your lawn from being over-run by weeds and who have spent countless hours hand-weeding, we recommend LAWN SINOX. The simplicity of application saves many hours of back-bending labor.

### **ECONOMICAL To Use**

1 pt. (covers 1000 sq. ft.) \$1.25  
1 qt. (covers 2000 sq. ft.) \$2.00  
1 gal. (covers 8000 sq. ft.) \$5.50

**KILLS  
WEEDS  
WITHOUT  
PERMANENT  
INJURY  
TO GRASS!**



## PLANTING TABLE FOR VEGETABLES

SPECIES	Seed required for 50 ft. of row	Seed required to sow an acre	Distance between rows inches	Distance apart in row inches	Depth of planting inches
Artichoke, Globe	1/4 oz.	6 to 8 oz.	40 to 48	18 to 24	1
Asparagus	1/2 oz.	4 lbs.	14 to 24	3 to 6	1
Beans, Bush	1/2 lb.	50 to 60 lbs.	24 to 30	2 to 3	1 1/2 to 2
Beans, Lima	1/2 lb.	30 to 50 lbs.	24 to 36	3 to 6	1 1/2 to 2
Beans, Pole	1/2 lb.	30 to 35 lbs.	36 to 48	6 to 8	1 1/2 to 2
Beet	1/2 oz.	8 to 14 lbs.	14 to 24	3 to 4	1/2 to 1
Beet, Mangel & Sugar	1/2 oz.	6 to 10 lbs.	18 to 24	6 to 9	1/2 to 1
Swiss Chard	1/2 oz.	6 to 10 lbs.	18 to 24	10 to 12	1
Broccoli	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 1
Brussels Sprouts	1/4 oz.	4 oz.	20 to 36	16 to 22	1/2 to 3/4
Cabbage	1/4 oz.	4 oz.	18 to 36	14 to 24	1/2
Cardoon	1/2 oz.	5 oz.	20 to 32	20 to 30	1/2 to 1
Carrot	1/4 oz.	3 to 4 lbs.	16 to 24	1 to 3	1/2
Cauliflower	1/4 oz.	4 oz.	24 to 30	20 to 24	1/2
Celery	1/2 oz.	4 oz.	24 to 40	4 to 6	1/4
Chicory	1/2 oz.	4 to 5 lbs.	20 to 36	2 to 3	1/2 to 1
Collard	1/4 oz.	5 oz.	24 to 30	14 to 18	1/2
Corn, Pop	3 oz.	6 to 8 lbs.	34 to 40	6 to 8	1
Corn, Sweet	4 oz.	10 to 14 lbs.	30 to 42	9 to 12	1
Corn Salad	2 oz.	10 to 12 lbs.	14 to 18	3 to 4	3/4
Cress	1 oz.	10 lbs.	12 to 18	2 to 4	1/2
Cucumber	1/2 oz.	3 to 4 lbs.	48 to 60	12 to 36	1/2 to 3/4
Dandelion	1/4 oz.	5 to 6 lbs.	18 to 22	6 to 10	1/2
Dill	1/2 oz.	5 lbs.	20 to 36	4 to 6	1/2
Egg Plant	1/2 oz.	5 to 6 oz.	24 to 36	18 to 24	1/2
Endive	1/2 oz.	4 to 5 lbs.	18 to 24	8 to 12	1/2
Fennel	1/2 oz.	3 to 4 lbs.	24 to 32	5 to 8	3/4
Kale	1/2 oz.	4 to 5 lbs.	24 to 32	14 to 22	1/2
Kohl Rabi	1/4 oz.	4 to 5 lbs.	14 to 24	4 to 6	1/2
Leek	1/4 oz.	4 lbs.	14 to 36	2 to 3	3/4
Lettuce	1/4 oz.	3 lbs.	12 to 18	4 to 12	1/4
Melon, Musk	1/2 oz.	3 to 4 lbs.	70 to 80	36 to 60	3/4
Melon, Water	1/2 oz.	3 to 4 lbs.	72 to 96	72 to 96	3/4
Mustard	1/4 oz.	4 lbs.	14 to 24	6 to 9	1/2
Okra	1 oz.	8 to 10 lbs.	24 to 40	18 to 24	1
Onion	1/4 oz.	3 to 4 lbs.	18 to 24	3 to 4	3/4
Onion (for sets)		60 to 85 lbs.	12 to 14	Not thin'd	3/4
Parsnip	1/2 oz.	3 to 4 lbs.	18 to 24	3 to 4	1/2
Parsley	3/4 oz.	3 to 4 lbs.	12 to 20	6 to 8	1/2
Peas	3/4 lb.	90 to 180 lbs.	24 to 36	1 to 2	1 to 2
Pepper	1/2 oz.	1 to 2 lbs.	20 to 30	18 to 20	1/2
Potatoes	8 lbs.	800-1000	24 to 36	18 to 24	6
Pumpkin	2 oz.	3 to 4 lbs.	96 to 110	60 to 84	3/4
Radish	1/2 oz.	10 to 12 lbs.	12 to 18	1 to 2	1/2
Rhubarb	1/2 oz.	3 lbs.	24 to 42	20 to 24	3/4
Rutabaga	1/2 oz.	2 to 4 lbs.	18 to 24	4 to 7	1/2
Sage	1/2 oz.	4 to 5 lbs.	20 to 24	6 to 10	1/2
Salsify	3/4 oz.	7 to 8 lbs.	18 to 24	2 to 3	3/4
Sorrel	1/2 oz.	4 to 5 lbs.	12 to 22	2 to 3	1/2
Spinach	3/4 oz.	10 to 20 lbs.	14 to 18	3 to 5	3/4
Squash, Bush	1 oz.	4 to 6 lbs.	42 to 48	42 to 48	1
Squash, Vining	1 oz.	4 lbs.	72 to 90	60 to 90	1
Sunflower	1 oz.	7 to 8 lbs.	48 to 70	10 to 12	1
Tomato		2 oz.	40 to 60	36 to 40	1/2
Tobacco		2 oz.	36 to 48	24 to 36	1/2
Turnip	1/2 oz.	2 to 3 lbs.	12 to 20	2 to 4	1/2

## NUMBER OF TREES OR PLANTS ON AN ACRE

1 by 2 feet.....	21,780	6 by 8 feet.....	907
1 by 3 feet.....	14,520	6 by 6 feet.....	1,210
1 by 4 feet.....	10,890	8 by 8 feet.....	680
1 1/2 by 2 feet.....	14,520	10 by 10 feet.....	430
1 1/2 by 3 feet.....	9,680	12 by 12 feet.....	802
2 by 2 feet.....	7,260	15 by 15 feet.....	193
2 by 4 feet.....	5,445	16 by 16 feet.....	170
3 by 4 feet.....	3,630	18 by 18 feet.....	135
3 by 5 feet.....	2,904	20 by 20 feet.....	109
3 by 6 feet.....	2,420	25 by 25 feet.....	70
4 by 4 feet.....	2,722	30 by 30 feet.....	48
4 by 6 feet.....	1,815	40 by 40 feet.....	27

**RULE**—Multiply the distance in feet between the rows by the distance the plants are apart in the rows, and the product will be the number of square feet for each plant or hill, which, divided into the number of square feet in an acre (43,560), will give the number of plants to the acre.

## CUSTOMERS PLEASE TAKE NOTICE

**Our Terms are Strictly Cash with Order.** We prefer not to send seeds C. O. D. unless order is accompanied by at least one-third of the amount of order.

**How to Remit.** Send postal money order, express money order, or check. Stamps will do if your order is for a small amount.

**Errors.** We exercise every care in handling your orders, but should an error occur, kindly write us at once, and we will adjust it promptly.

**All prices in this catalog are subject to change without notice.**

**Reports—Good or Bad.** Will you help us to attain greater success by writing and telling us how our Seeds and Supplies reach you, how they grow and **how you like them?** We will certainly appreciate it. Your criticisms, if you have any, as well as your praises, are desired.

## NOTES ABOUT PARCEL POST

Poisons can not be sent by mail, but may be shipped by express.

Weight limit in all zones 70 pounds.

**Non-Warranty.** Most of the failures with seeds are due to causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, etc., which renders it impossible for us to guarantee success. We therefore give no warranty as to description, quality or productiveness of any of the seeds we send out, and will not be in any way responsible for the crop. If the purchaser does not accept the goods under these conditions, they are to be at once returned.

**WE DO NOT GUARANTEE REPLACEMENT OF GOODS SENT BY MAIL.** An additional remittance of 5 cents will insure any mail package.



## Why I Recommend Vigoro



I always recommend Vigoro as the plant food to use in feeding all growing things. I know that it will give marvelous results every time. It's a complete plant food... every one of the 11 different plant food elements plants must get from the soil are right here in Vigoro.

Take my advice and try Vigoro this year. Clean and odorless, it's mighty nice to work with. And it's economical, too. Use it for lawns, flowers, shrubs, trees, and vegetables.

—THE MASTER GARDENER

100-lb. bag ..	\$3.50
50-lb. bag ..	2.30
25-lb. bag ..	1.40
10-lb. pkg...	.70
5-lb. pkg...	.45
1-lb. pkg...	.10

**VIGORO**  
Complete plant food

A Product of Swift



# MISCELLANEOUS PLANTS

## Strawberries

We offer only inspected plants. This is your insurance against diseased stock.



**NEW GEM.** This is an exceptionally fine improved strain of strawberry; produces exceptionally fine flavored fruit. An everbearer with very firm, good flavored fruit. Fruit of good size and very uniform. Yields the first season after setting. You shouldn't pass up this berry as it is a winner. Prices postpaid. 25 plants for 75c, 100 plants for \$2.50. Write for quantity prices.

**ROCKHILL EVERBEARING.** The newest strawberry grown. Distinctly flavored. Bears a large

attractive berry about the size of Mastodon. Its flavor is superb. Produces from early spring to late fall. We have eaten Rockhills picked on Armistice Day and enjoyed their rich flavor in spite of the lateness of the season. Does not produce runners so objectionable to the grower. It spreads by crown development. The energy employed by other kinds of berries in producing runners and nourishing plants at a distance is kept at home with Rockhill. This habit accounts for the quick and abundant fruit production of Rockhills. Place orders early as Rockhill plants are never plentiful. Prices postpaid: 10 plants \$1.00, 25 plants \$1.90, 50 plants \$3.00, 100 plants \$4.50. Write for quantity prices.

**SUPER-GIANT MASTODON.** An improvement over the original Mastodon. Berries are larger and ripen more evenly over the plant. This variety is so much improved that you will not regret paying the little difference to get Super-Giant Mastodon. Will outyield any other variety over the years. Berries of delicious flavor. Prices postpaid same price as Rockhill.

**ASPARAGUS (Washington Pedigreed).** A new rust-resistant Asparagus. As a standard variety for the production of fancy Asparagus for the home or market, it stands ahead of all others in size, vigor, tenderness, quality and rust-resistance. Doz. 40c; 100 plants \$2.75, postpaid.



## Potatoes

**U. S. D. A. CHIPPEWA.** We introduced Chippewa four years ago and it is still gaining in popularity and favor. Heavy yielding, early, white skin and flesh. Chippewa has good size and shape. It is likewise highly resistant to mild Mosaic disease which destroys many varieties during growth. An excellent cooker. 10 lbs. \$1.50, postpaid to 3rd zone. Write for quantity prices.

**EARLY BLISS TRIUMPH.** Tubers of handsome appearance, being almost round with slightly depressed eyes, mostly at the seed end. Run very uniform as to size and shape. Heavy cropper and good flavor. We offer only certified seed as a protection against mild Mosaic disease which often reduces yields 50%. 10 lbs \$1.25 postpaid to 3rd zone. Write for quantity prices.



WE GUARANTEE ONLY STRONGEST PLANTS WILL BE SUPPLIED ON ORDERS. IF INTERESTED IN LARGER QUANTITIES PLEASE WRITE FOR PRICES.

**U. S. D. A. HOUMA.** Developed by the U. S. Department of Agriculture. New Houma is very similar in appearance to Chippewa but it grows more erect and matures a little earlier. Highly resistant to mild Mosaic and virus diseases and withstands heat and drought remarkably well. Yields are large and cooking quality "can't be beat". Prices same as Chippewa, above. Write for quantity prices.

**EARLY IRISH COBBLER.** Another extra fine early potato, and one that is not easily affected by blight and insects. The tubers are nearly round and slightly flattened, rather blocky shape. The skin is white, well netted, with eyes of medium depth. 10 lbs. \$1.00, prepaid to 3rd zone. Write for quantity prices.

**EARLIEST OF ALL.** This is one of the finest potatoes on the market but unfortunately it has been mis-named. It is not the earliest of all, for it matures and is ready for market later than Early Bliss Triumph and Chippewa which are, aside from Houma the earliest of our varieties. Earliest of All is white skinned with creamy-white meat. Price same as Irish Cobbler. Write for quantity prices.

## Treat Seed Potatoes

Just dipping seed potatoes in SEMESAN BEL solution, eliminates such diseases as scab, rhizoctonia and black leg. Improves germination and produces bigger crops. One pound treats 70 to 80 bushels of seed. Prices: 2 oz. 30c; 1 lb. \$1.65; 5 lbs. \$7.15; 25 lbs. \$33.25, not prepaid. Pamphlet Free.

## McDONALD'S RED RHUBARB

Our plants are from the original planting. We offer only good strong divisions, two-years of age. McDonald's Red Rhubarb carries the quality of its delicious flavor longer. Color dense, bright-red. Very tender and brittle. No strings. This variety starts a little later in the spring, but produces over a long period. Not quite as large as Riverside Giant but of better flavor and texture. Medium divisions, each 35c, postpaid. Large divisions, each 50c, postpaid.

## ROOTONE

Reg. U. S. Pat. Off.



Geranium Cuttings—Treated and Untreated

**ROOTONE, the plant hormone powder.** Dip cuttings in Rootone before planting to give faster, better, more successful rooting. Mix flower, vegetable or grass seed with Rootone before planting to give faster growth and stronger roots. Easy to use. 1/4 oz. packet 25c. 2 oz. jar \$1.00. 1 lb. can \$5.00.

## Thompson's Vitamin B-1 PELLETS and SHAKE-A-DROP BOTTLE



Add this vital growth factor to your regular garden routine and your flowers will respond amazingly with vigorous, new healthy growth. Thompson's research laboratories make it easy to apply B-1. Just dissolve pellet in Shake-A-Drop Bottle, shake into sprinkling can and apply. Fool-proof, no guesswork. Box of 100 Pellets (makes 2000 gals.). \$1 Trial box of 10 Pellets and Shake-A-Drop Bottle . . . 25c

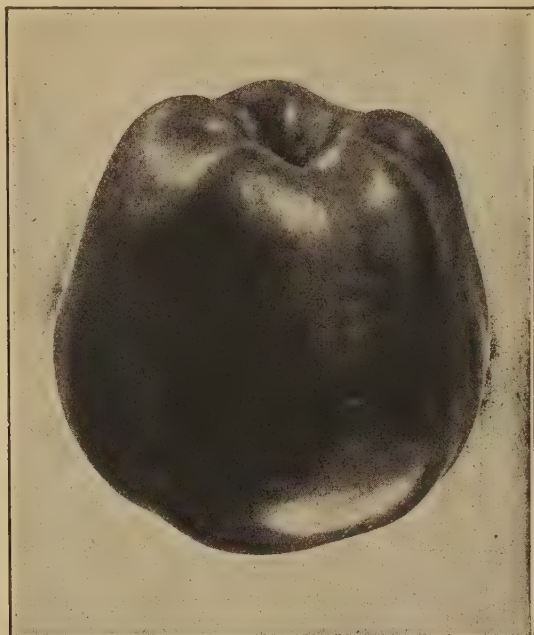
## Thompson's Vitamin B-1 VITAMIZER

Simplifies application of B-1 on large outdoor areas. 1 to 6 Thompson Pellets placed in Vitamizer and inserted in hose nozzle or garden spray, automatically vitaminizes flower beds, lawns, trees, shrubs. Vitamizer, for Thompson Pellets only, with directions \$1 Special \$1.89 Thompson Vitamizer and box of Thompson Vitamin B-1 Pellets with directions, \$2.00 value . . .



# FRUIT TREES— Highest Quality . . . True to Name

This is a new department in our catalog, but nursery stock is not new with us. We have featured fruit trees, bushes, evergreens at our retail store for a number of years. Of recent years repeated inquiries have come in for such merchandise, all of which prompted us to install this new department. We guarantee nursery stock of highest quality, properly packed to insure safe delivery and ship only inspected trees and bushes. We reserve the right, in case we are out of a variety, to substitute another of equal merit when it can be done (always labeling with correct name)—unless party ordering says "no substituting," in which case we will fill order as completely as we can and refund balance of remittance. Prices are F. O. B. Medford, therefore postage must be added if mailing is requested and necessary.



IMPROVED ALL RED DELICIOUS

## APPLES 3 to 4 ft. . . . . EACH 50c 10 to 50 45c

Prices include packing.

**RED BIRD.** The best red early apple, gets ripe before Yellow Transparent, has good color. Does not keep very long. Strictly a summer apple and a good seller.

**YELLOW TRANSPARENT.** One of the most valuable early apples. Medium smooth, transparent skin; clear white, becoming pale yellow when fully ripe, tender, fine grained of a splendid quality. A summer apple.

**GRAVENSTEIN.** Large, beautifully dashed with deep red and orange; tender and crisp, with a highly aromatic flavor; tree very vigorous. Late summer apple. No orchard complete without it.

**JONATHAN.** This variety is probably better known to average consumers of dessert apples than any other variety. It is recognized on all markets of the country as one of the best eating apples. It bears young and abundantly. Fruit medium size, red and beautiful.

**IMPROVED ALL RED DELICIOUS.** This apple originated from a sport of the common Red Delicious. Comes into bearing younger and matures a solid red. Fruit of good size and superb quality. Long keeping. Priced 5c higher than ordinary varieties.

**YELLOW NEWTOWN.** A yellow winter apple, the best shipper. An extra good quality keeper, fine for eating or culinary use.

**SPITZENBURG.** Truly delicious apple; fruit striped and splashed with red; flesh yellow, rather firm, with a delicious rich acid flavor.

**RED SIBERIAN (Crab Apple).** About an inch in diameter, grown in clusters; bears young and abundantly.

**TRANSCENDENT (Crab Apple).** Medium to large; color brownish-yellow with blush or carmine, flesh firm and crisp, yellowish, fine grained, very juicy, very vigorous grower.

### GRAFTING WAX

We manufacture our own wax. It is composed of the finest ingredients and made under a favorite formula in use in Southern Oregon for years. Being of the proper texture it will not crack and as it is a light colored wax it will not cause cankering of the growth. 50c per lb.; 10 lbs. \$4.00; 50 lbs. \$17.50 F.O.B. Medford.

## APRICOTS 3 to 4 ft. . . . . EACH 50c 10 to 50 45c

Prices include packing.

**ROYAL.** Large, roundish-oval; pale orange with faintly tinged red cheek; flesh yellow, firm, sweet, high flavored, slightly sub acid and good quality. Ripens week earlier than Moorpark.

**MOORPARK.** A large, roundish apricot with an orange cheek. Good commercial variety.

**TILTON.** Considered one of the best commercial sorts. Flesh firm, sweet and juicy; tree hardy and thrifty grower.

**BLLENHEIM.** Above medium; deep yellow; juicy and rich flesh. Practically the same as Royal but larger. In great demand, both for canning and drying. Trees heavy bearers.

## PEACHES 3 to 4 ft. . . . . EACH 50c 10 to 50 45c

Prices include packing.

**J. H. HALE.** Very large, globular. Color deep golden yellow, overlaid with bright carmine. Flesh solid, deep yellow, delicious flavor. Tree very hardy and productive.

**IMPROVED EARLY ELBERTA.** This is an Early Elberta type peach, usually ripens a few days before the regular Elberta. Improved in quality with better flavor. One of the finest home canning peaches. Almost red in color, heavy producing. A good shipper. Sometimes ripens more than 10 days ahead of Elberta.

**EARLY CRAWFORD.** Large, roundish bright yellow with red cheek; flesh yellow, juicy and sweet; quality good.

**GOLDEN JUBILEE.** A new introduction of unquestioned quality. An early, yellow, freestone peach of very fine flavor. Medium to large size and firm texture. No general planting of peaches is complete without Golden Jubilee.

**STANWICK NECTARINE.** Described as a smooth skinned peach with a tart flavor. Thrives where peaches do and takes same cultivation and management. This is a very fine nectarine. Does well in most all districts. Fine flavor and excellent for canning.

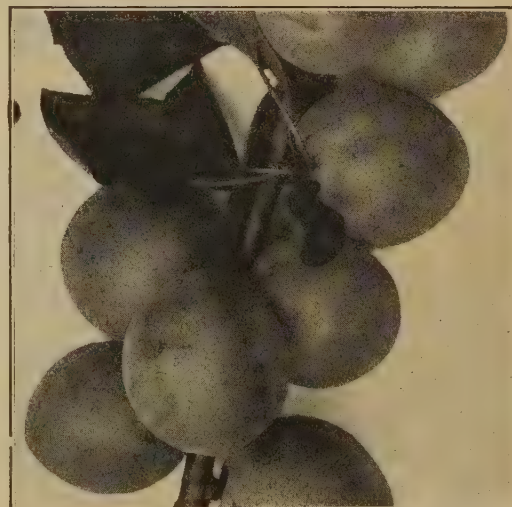
## PRUNES and PLUMS 5c less than Apples

**FRENCH PETITE PRUNE.** This is the regular old standard Petite prune grown for many years in California and Oregon. Very sweet, good for drying.

**ITALIAN PRUNE.** Medium, oval, tapering at both ends, blue in color, freestone. Best for drying or shipping. Heavy producing with extra large fruit.

**GREEN GAGE PLUM.** Medium round, skin tender, yellowish green flesh. Separates freely from the stone. Fine canner.

**SANTA ROSA PLUM.** Regarded as one of the best of the Japanese type of plums. Large, deep purplish crimson color, with pale blue bloom. Flesh yellow, streaked and shaded crimson. Has no equal as a shipping plum. Ripens middle of June.



MOORPARK APRICOT



# FRUITS and BERRIES

WE CAN TAKE CARE OF ORDERS LARGE AND SMALL. BE SURE TO GIVE SHIPPING INSTRUCTIONS, INCLUDING YOUR NEAREST EXPRESS OR FREIGHT OFFICE.

**PEARS** 3 to 4 ft. . . . . **EACH** 10 to 50  
50c 45c  
Prices include packing.

**BOSC.** One of the best early winter pears. Splendid shipping and commercial pear. Solid russet color, flesh fine grained and highly flavored.

**BARTLETT.** Golden yellow when ripe, with a beautiful blush next to the sun. Buttery, very juicy and highly flavored; tree a strong grower. Best canning variety.

**D'ANJOU.** A large, fine pear, buttery and melting with sprightly flavor; tree fine grower. Very productive. One of the best.

**CHERRIES** 3 to 4 ft. . . . . **EACH** 10 to 50  
50c 45c  
Prices include packing.

**BING.** A large sized black cherry which ripens with the Royal Ann and whose habit of growth is similar to it. One of the best fresh fruit cherries on the market and a good shipper.

**ROYAL ANN.** A beautiful cherry of large size; pale yellow with bright red cheeks; flesh firm, juicy and sweet. One of the best for canning and market.

**LAMBERT.** One of the largest known. Smooth, glossy, dark purplish-red, with numerous russet dots. Almost black when ripe. Flesh dark with white vein, firm, meaty, flavor sweet, rich and highest quality. Good canner and shipper.

**LARGE MONTMORENCY (Pie Cherry).** Large, roundish, red, flesh tender, mildly acid and better quality than most pie cherries. The most popular sort.

**GRAPES** 2-year No. 1 Vines . . . . . **25c each**

**FLAME TOKAY.** Bunches very large and compact; berries large, skin thick, pale red, covered with bloom; fresh, firm, sweet. Excellent table and market grape. 35c each, 10 for \$3.00.

**CONCORD.** One of the most popular and reliable varieties. Bunch large, compact and shouldered; berry large, round, almost black with blue bloom, juicy, buttery and very sweet. 30c each, 10 for \$2.50.

**MALAGA.** Very large; oval; yellowish green; fleshy; one of the best shipping grapes. Immensely productive, thriving in almost any soil. Makes good raisins. Same price as Tokay.

**THOMPSON'S SEEDLESS.** Very large, greenish yellow; firm; oval; seedless; prized for shipping and raisins. Same price as Tokay.

## CANE BERRIES

**CUTHBERT (Raspberry).** This is the leading red raspberry. Strong and abundant bearer. Berries large, a beautiful deep crimson possessing a most pleasing flavor. Easy to pick and holds up well in shipping. Fine for home use or shipping. Transplanted plants 10c each, 10 for 90c.

**ST. REGIS EVERBEARING (Raspberry).** Commences to bear early. Ripens early in the season. Large, well-flavored berries and continuous producer until frost. Transplanted plants 15c each, 10 for \$1.25.

**LATHAM (Raspberry).** A fine red raspberry. Grows to a large size, extra fine for canning, also for commercial growing. The favorite of many berry growers. Same price as Cuthbert.

**THORNLESS BOYSENBERRY.** The standard Boysenberry has been severely criticized for its pronounced thorniness and most all will agree that a smooth caned Boysen would be a valuable improvement. Now we have it with all the quality of the original. 50c each, 5 for \$1.85. Transplanted plants, not yearling tips.

**THORNLESS YOUNGBERRIES.** Plant the wonderful new Thornless Youngberry, superior to the parent thorny type only to the extent that the hard punishing thorns have been eliminated. In flavor and quality there is little difference. 20c each, 10 for \$1.50. Strong transplanted plants.

**OREGON CHAMPION GOOSEBERRIES.** Large, skin light green with flesh very sweet, juicy, excellent flavor. Very prolific bearer and will not mildew. 20c each, 10 for \$1.75. Heavy 2-year plants.

**THORNLESS LOGANBERRIES.** Fruit long, dark red, flavorful. Free of thorns, fine canner. Ripens in May. 25c each, 10 for \$2.00.

**CHERRY CURRANTS.** The largest of all red currants; berries sometimes more than half-inch in diameter; bunches short; plant very vigorous and productive when grown on good soil and well cultivated. 20c each, 10 for \$1.75. Large, strong plants.



CHERRIES

**PERFECTION CURRANTS.** Bright red, and of a size larger than many. One of the most productive currants. Rich, mild, sub-acid flavor and having plenty of pulp with few seeds. Same price as Cherry Currant.

**HIMALAYA (Blackberry).** This is an exceptionally fine strain. Comes earlier than Evergreen. Good for home use or for selling on the fresh fruit market and to canneries. 15c each, 10 for \$1.25.

## BUDDING RUBBERS

The ideal binding for budding work 25c per ounce; \$2.50 per pound. Approximately 150 rubbers per ounce.

## Nut Trees

### WALNUT, Franquette

(Grafted on Black Walnut). This is the most popular variety in the Northwest. Very large and long, coming to a sharp point, shell is hard but thin enough to hull easily. A vigorous grower, young and prolific bearer, making a beautiful as well as profitable shade tree. 4-6 ft. trees, \$1.75; 25c per tree less in quantities of 5 trees or over. Price includes packing for shipment.

**ALMOND, Ne Plus Ultra.** Large and very long; soft shell; hulls freely. Ne Plus Ultra is a heavy and regular bearer. 3-4 ft. trees 50c; 5c less in lots of 5 or over. Price includes packing.

**ALMOND, Nonpareil.** Tree is of beautiful form, slightly weeping. The nut is sweet and the shell very thin. This is the best variety for home planting. Prices same as Ne Plus Ultra.



## WHICH DO YOU WANT ?



THIS

OR



THIS

The hormones and vitamins (B. and others) found together only in

**TRANSPLANTONE**

THE HORMONE-VITAMIN POWDER

Stop the shock and wilt usually inevitable after transplanting all kinds of plants. . . . Simple, Safe, Economical to use.

1/2 oz. packet 25c, 1 oz. can 50c, 3 oz. can \$1.00, 1 lb. can \$4.00.



# HARDY SHRUBS

ALL SHRUBS ARE SENT BY FREIGHT OR EXPRESS, CHARGES COLLECT. WE MAKE A REASONABLE CHARGE FOR PACKING FOR SHIPMENT.



Our homes become homes in the true sense, only when they are planted. Ornamental shrubs are the foundation of all landscape plantings. We offer a wide selection of varieties to beautify your home and garden. We offer you only substantially large stock; not too large, but of such size as to make a fine appearance when set. You will be pleased with any ornamentals you buy from us.

**PLANTING.** As soon as your shipment arrives, open up to verify stock, then heel-in somewhere in shaded, moist soil. Take out a few at a time to location. Dig holes large and deep enough to receive the roots without cramping; sift fine dirt throughout the network of roots; fill up, tamp solid, leaving no fissures. Soak thoroughly and rake the surface level. In case of balled stock, remove burlap surrounding the earth and tamp soil solidly around the ball, watering well.

## Evergreens

**ABELIA, Grandiflora.** Evergreen glossy foliage plant with bronze shadings; flowers tubular, almost an inch long, white, flushed pink, and continuing throughout the summer. Fine for foundation plantings or in the shrubbery border. 18-24 in. \$1.25 each.

**ANDROMEDA, Japonica.** Low, compact, evergreen shrub with small, pointed elongated leaves. Young growth bronzy-red like a Nandina. Bears clusters of drooping white flowers in early spring. Plant in shade in acid soil. 12-15 in. \$2.00 each.

**ARBORVITAE, Berkman's Golden Dwarf.** Dwarf, compact shrub; foliage a bright lustrous yellow. Very showy. Fine as a foundation plant and for porch urns. 15-18 in. \$2.25 each.

**ARBORVITAE, Pyramidal American.** More slender and compact than the common variety. A beautiful tree for entrance plantings or for accent in formal gardens. 24-30 in. \$2.25 each.

**AUCUBA, Japonica.** Shrub of moderate size with large, glossy dark-green leaves; berries the size and shape of cranberries. Makes a beautiful potted plant for a shady location. 15-18 in. \$1.50 each.

**AUCUBA, Japonica variegata (Gold Dust Plant).** Leaves covered with yellow dots. One of the best plants for a very shady location. Identical to A. Japonica, except for the mottled green and yellow leaves. 15-18 in. \$1.50 each.

**AZALEA, Hinodigiri.** An early blooming dwarfish plant with brilliant crimson flowers. No garden is complete without A. hinodigiri for it never fails to catch the eye. Blooms very early in the spring. 6-8 in. \$1.00 each.

**BARBERRY, Darwini.** Small evergreen shrub with slender branches; leaves small glossy green in summer, bright red in winter; flowers are orange and appear in February and March; berries are blue. 15-18 in. \$1.50 each.

**BOXWOOD, Dwarf English.** Handsome shrub of dense, compact growth. Leaves quite small, deep green. An ideal hedge plant and used extensively for shaping as a specimen plant. 6-8 in. 45c each.

**CAMELLIA, Japonica, Double Red.** A lengthy description of plant is unnecessary save to say that our Double Red is a grand variety, very hardy and a sure bloomer. 15-18 in. \$2.35 each.

**CAMELLIA, Japonica, Pink Perfection.** This is the best of the better known pinks. Holds its blossoms well and a free bloomer. 15-18 in. \$2.35 each.

**CAMELLIA, Japonica, Purity.** Pure white and a beautiful flower. 12-15 in. \$2.25 each.

**CEDRUS, deodara.** Tree of the Gods. Very popular because of its exquisite grace. Plant where this tree will have ample room to spread. This is the tree that is so popular in California as a permanent Christmas tree. 30-36 in. \$3.00 each. Larger trees available, write for prices.



BERCKMAN'S GOLDEN  
ARBORVITAE



AZALEA HINODEGIRI (Dwarf Evergreen)



DWARF DAPHNE CNEORUM



**COTONEASTER, francheti.** A drooping bush with arching branches; flowers small and pink in color; berries orange, tinged with red. An excellent and attractive evergreen shrub. Give it room to spread without crowding. 2-3 ft. \$1.25 each.

**CRYPTOMERIA, Japonica.** A handsome, rapid-growing tree with an elongated pyramidal out-line and plume-like, upward spreading branches. 24-30 in. \$2.75 each.

**CYPRESS, Alumi.** This is a pyramidal blue cypress of fine form. Its lustrous grey-blue and the erect slender growth make it an ideal plant for corner plantings. 30-36 in. \$2.50 each.

**DAPHNE, Cnecorum (Rose Daphne or Garland Flower).** A dwarf plant with spreading, wiry stems covered with dark green leaves, each stem tipped with a cluster of pink, very fragrant flowers. A valuable plant for rock gardens, thriving in half-shade. 9-12 in. \$1.85 each.

**DAPHNE, Odora.** This is the lemon-scented, low growing shrub that blooms early in the summer and is so very popular at the present moment. Blossoms waxy white, foliage dark, glossy green. 12-15 in. \$1.85 each.

**EUONYMUS, Japonicus.** A very ornamental shrub of easy culture, foliage bright green, glossy and somewhat leathery. Old plants produce brilliant red berries if grown untrimmed. A fine specimen plant. 24-30 in. \$1.75 each.

**EUONYMUS, Japonicus aurea-marginatus (Golden Euonymus).** A slow-growing variety of compact growth; foliage golden yellow toward the edges, blotched in center with light and dark green. 24-30 in. \$1.75 each.

**HEATHER, Mediterranean.** A popular densely branched, globular shrub; foliage dark green, flowers bright pink. Blooms all winter. Will grow in partial shade and endures more heat than any other variety. 12-15 in. \$1.25 each.

**HOLLY, English.** We have some fine heavily berried stock that we are offering at very reasonable prices. Holly is scarce and your early orders are more apt to result in choicer plants. 24-30 in. \$3.50 each.

**JUNIPER, Irish.** A slender, tall growing evergreen of excellent form and grace. A rich specimen that will enhance the appearance of any shrub planting. Slow growing, will not become a nuisance as some Junipers. 24-30 in. \$2.25 each.

**JUNIPER, Pfitzeriana.** This is a prostrate growing Juniper best adapted to slopes or to drop over stone-work. Has silvery-green foliage. Untrained plants make excellent ground cover. Useful for wide foundation plantings. 15-18 in. \$2.25 each.

**JUNIPER, Spiny Greek.** A low growing individual of pyramidal closely set branches. Rich coloring and a fine specimen plant. Seldom needs shearing. 18-24 in. \$2.50 each.



RHODODENDRON, PINK PEARL

**LAUREL, English.** Large shrub; foliage broad, heavy and glossy; flowers white in racemes, followed by black cherry-like fruits. Fine for hedges and equally attractive as a border shrub. 18-24 in. \$1.25 each; 12-15 in. 50c. Write for quantity prices, stating size you want.

**LAURISTINUS, Viburnum Tinus, Winter Blooming.** A compact, hardy shrub that grows well in almost any location. Can be kept to any desired height by pruning. Produces large quantities of flowers in late winter months; pink in bud, white when open. 18-24 in. \$1.35 each.

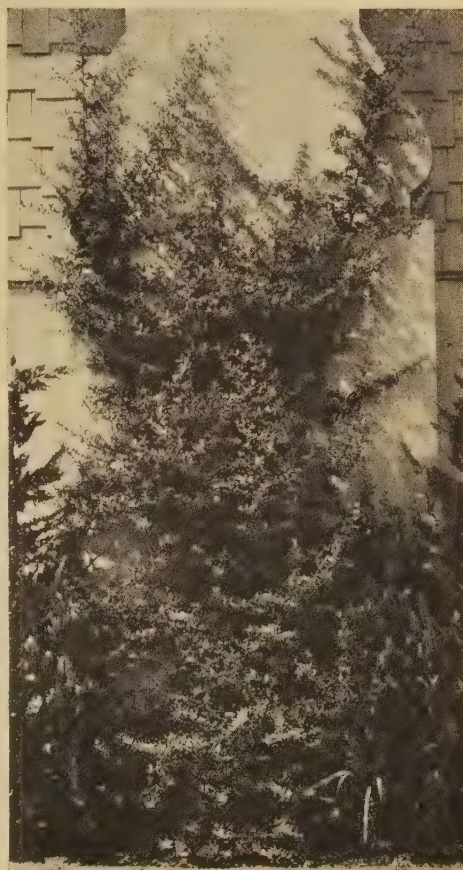
**NANDINA, Domestica.** A very handsome shrub of moderate size and rather slow growth. Leaves are much divided, light green tipped with pink and copper in spring, turning to vivid scarlet during fall and winter. Flowers white, followed by crimson berries. An excellent plant for winter display. 15-18 in. \$1.50.



LAURUSTINUS



IRISH JUNIPER



PYRACANTHA (FIRETHORN)

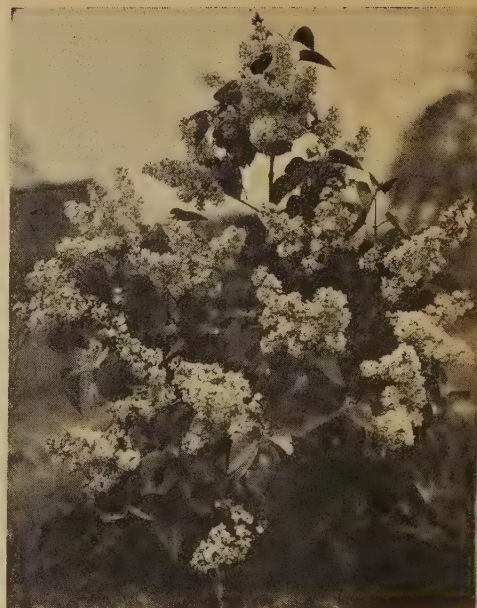




AZALEA MOLLIS



SPIREA VAN HOUTTEI



LILAC

**PINE, Mugho.** A dwarf compact pine. A densely branched, dwarf tree, upper branches erect, lower ones recumbent, needles dark green and stiff. Valuable for rockeries. 12-15 in. \$2.00 each.

**PRIVET, Lodensa.** Excellent for hedges. Rather quick growing. Produces a dense growth. Good rich color and strong. 20c each, 25 for \$4.00; 100 plants \$13.00. Size, 8-10 inches.

**PYRACANTHA, Crenulata (Firethorn).** Foliage long, narrow, glossy and dense; berries small, dark crimson and showy. A very fine berried ornamental. 24-30 in. \$1.75 each.

**PYRACANTHA, Lalandi (Firethorn).** More upright and taller growing than P. Crenulata, with bronzy tint to foliage. Bears orange-scarlet berries. Very attractive. 24-30 in. \$1.75 each.

**RHODODENDRONS (Hybrid seedlings).** Grown from very carefully selected seed of the best red varieties. These plants are robust and will bloom the first season. 15-18 in. \$1.25 each.

**SPRUCE, Colorado Blue.** This is the glistening, grey-blue tree so cherished by every possessor. Excellent form, grows well under all conditions. Give it room to grow. 18-24 in. \$3.00 each.

## Deciduous Shrubs

**AZALEA, Mollis.** An excellent deciduous shrub for mass planting. Blooms freely. Bears flowers of yellow tending to a deep apricot. 15-18 in. \$2.25 each.

**BARBERRY, Red Leaved, Thunbergii.** Very fine new variety useful as an under shrub for foundation and border planting. Foliage a rich, lustrous, bronzy-red color. It is deciduous but the brilliant red berries cover the branches of mature plants. 18-24 in. 85c each.

**BEAUTY BUSH (Kolkwitzia amabilis).** A hardy, deciduous, upright shrub from China, belonging to the Honeysuckle family. A very desirable subject growing 5 to 8 ft. Has a particularly graceful habit of growth with good foliage value throughout the season. The bell-shaped flowers are soft pink with a yellow throat and distinction is added by the white bristly hairs with which flower stalks and sepals are clothed. 3-4 ft. \$1.50 each.

**HYDRANGEA, Peegee grandiflora.** This is the bush form of white hydrangea so very popular at all times. 2-3 ft. 75c each.

**HYDRANGEA, Opuloides otaksa, Blue or Pink.** This is bush form. State color desired. 18-24 in. \$1.75 each.

**LILACS.** We list only the budded varieties as they give greater satisfaction and the finer blooms are found in the budded sorts. Charles Joly is a double, dark reddish purple. Edith Cavellis is a double, milk white. Katherine Havemeyer, a double, pinkish lavender. We supply 4-5 ft. bushes for \$1.75 each.

**SPIREA, Anthony Waterer.** A dwarf, crimson variety of good form and fine for foundation plantings. Flowers rosy-red in flattened heads at ends of branches. Blooms in mid-summer. 18-24 in. 90c each.

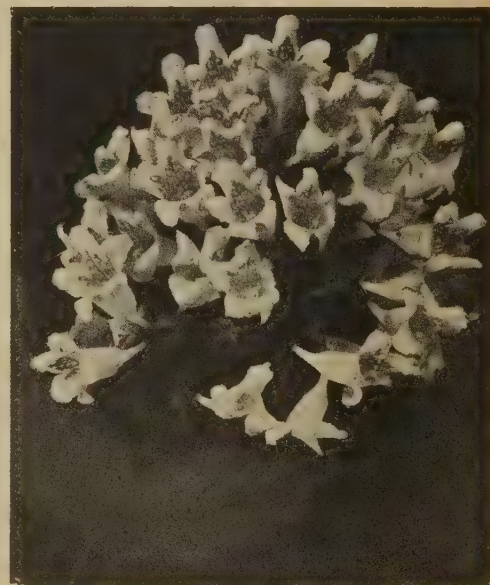
**SPIREA, Prunifolia (Bridalwreath).** Too well known to require a lengthy description. The favorite spirea for bouquets and decorations. 18-24 in. \$1.00 each.

**SPIREA, Vanhoutte.** A handsome pendulous bush. Flowers pure white. Fine for grouping and shrubbery borders. 2-3 ft. 90c each.

**WEIGELA, Eva Rathke.** Of erect habit. Flowers medium size and deep red in color; blooms in April and May. A very ornamental deciduous shrub. 18-24 in. \$1.00.



PFITZER'S JUNIPER





## EAT RAW VEGETABLES

Heat destroys a good portion of the health-giving vitamins in vegetables. If you wish to enjoy the optimum vitamin ration from vegetables, eat them raw as often as possible. Delicious combination salads can be made from raw and uncooked vegetables. Eat carrots, turnips, lettuce, radishes, etc., raw . . . for better health.

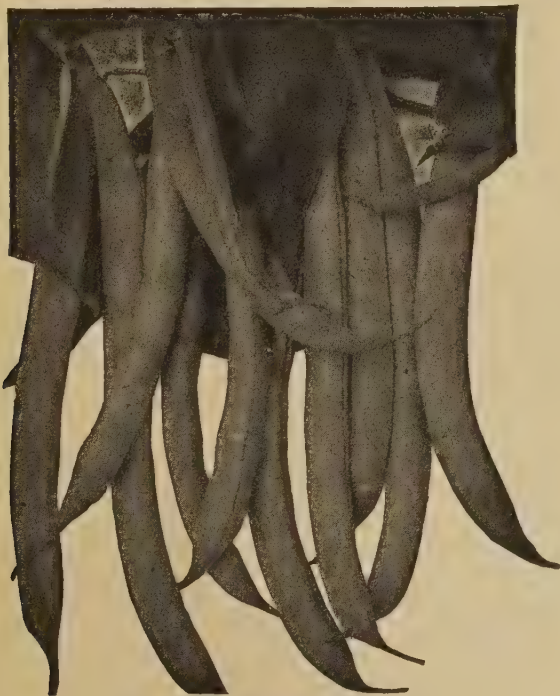
# VEGETABLE SEEDS



## DWARF OR BUSH BEANS

One pound will plant a row 100 feet long;  
about 1 1/4 bushels to the acre

**HOW TO GROW DWARF OR BUSH BEANS.** Make the rows 18 inches or 2 feet apart, and drop the beans 4 inches apart in the row. If the soil is warm and loose, plant 2 inches deep; if rather cold and wet, plant only one inch deep. Beans, especially the yellow-podded varieties, will rot very easily if planted when the soil is wet and the atmosphere is cold. If you do not want to run the risk of replanting them, do not plant your beans until the soil is warm. Cultivate often but never when the plants are wet, as this brings on rust. Pick the beans as fast as they become fit to use; this makes them bear longer. Special prices to market gardeners. Send your list to us for prices.



### Green Podded Varieties

Prices postpaid: Pkt. 10c; 1/2 lb. 20c; 1 lb. 35c.  
Unless Otherwise Noted.

**DWARF TENDERGREEN.** Here is a comparatively new green bush bean variety. It has "won its spurs" and is today's outstanding variety. Matures in 54 days from planting, therefore is early. Plants large, erect, productive. Pods are round, fleshy, stringless and of the finest flavor. Seeds brown, mottled with light fawn. By all means, include Dwarf Tendergreen in your garden this season. Pkt. 15c; 1/2 lb. 25c; 1 lb. 40c.

**MONARCH GIANT STRINGLESS GREEN POD.** Matures in 53 days. One of the best for home and market garden; very desirable for canning. Plant large, hardy, heavily productive. Pods medium green, 6 to 6 1/2 inches long; 3/8 to 7/16 inch thick, round; very fleshy, brittle and stringless. Seeds glossy yellowish-brown. A successor to Stringless Green Pod. Pkt. 15c; 1/2 lb. 25c; 1 lb. 40c.

**MONARCH IMPROVED STRINGLESS GREEN-POD.** Matures in 48 days. High quality for home and market garden. One of the favorites through the years. Splendid as a canning variety or for snap beans. Plant large, thrifty, heavily productive. Pods medium green; 5 1/2 inches long, almost 1/2 inch wide and equally thick; very fleshy, strictly stringless, fine grained, tender. Seeds coffee brown. Pods similar to Giant Stringless Green Pod but a trifle shorter and thicker.

**NANY BEANS.** Matures in 90 days. This is the favored dry bean for baking and for soups. Very small, seed pure white, vines thrifty and very productive.

**MONARCH DAVIS WHITE WAX.** Matures in 52 days. Well adapted for shipping. Plant large and thrifty and productive. Pods attractive yellow; 6 inches long, straight, 1/2 inch wide, thick, oval; fleshy and tender when young but become somewhat fibrous and stringy. An excellent dry bean for baking or soups.

**GOLDEN WAX.** Matures in 48 days. A splendid home garden variety; also much used for canning. Plant small, productive. Pods very attractive; golden yellow; 4 1/2 to 5 inches long; 1/2 inch wide, thick, oval; fleshy, brittle, stringless. Seeds white, splashed with violet-carmine and purple.

## A WORD OF WARNING!

Due to the shortage of many varieties of vegetable seeds brought about by unprecedented unfavorable weather conditions during the planting, growing and harvesting of vegetable seed crops, we can only quote subject to price change and available stocks.

High prices may seem unjustified to the average gardener but when short crops coupled with an abnormal demand from countries who formerly secured their vegetable seeds from Europe and who now come to the United States for supplies are taken into consideration, one can readily understand why prices have risen to such high levels.

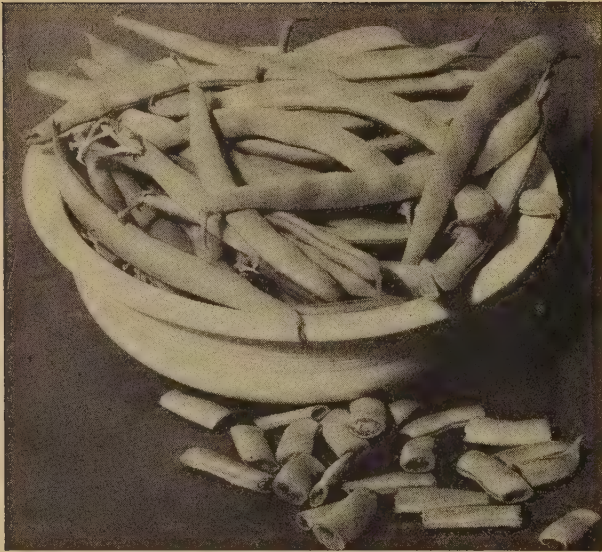
We are still sticking by our guns. It has always been our aim to buy the best for you and this policy will not be changed even though we might lose your business because someone else quoted inferior seeds for less.

BUY THE BEST, IT PAYS BIG DIVIDENDS.

PRICES LOWER AT OUR STORES.  
YOU SAVE POSTAGE.



## VEGETABLE SEEDS



### POLE OR RUNNING VARIETIES

Prices postpaid, Pkt. 10c; ½ lb. 20c; lb. 35c, unless otherwise noted.

**CULTURE.** One pound will plant 50 hills, 30 pounds per acre. The soil should be mellow, rich and warm. Lay the ground out in hills 4 feet apart each way, and set poles 8 to 10 feet long firmly in the hills before planting the seed. Plant 5 or 6 beans in a hill and cover about 2 inches deep; leave three plants at each pole, and when a few inches high draw a little earth around them as support. Set the poles before the plants have grown to large size; many gardeners consider it an advantage to set the poles when planting, thus avoiding disturbing the small plant or its roots.

**MONARCH WHITE CREASEBACK or BLUE LAKE BEAN.** Matures in 62 days. A splendid snap bean for home garden and early market. Good climber, heavily productive. Pods light green, 5½ inches long, ½ inch wide, almost as thick; nearly stringless, very fleshy, brittle, tender. Seeds white; excellent for baking. Because of the near-stringless character of this variety it is preferred by many to Kentucky Wonder. Pkt. 15c; ½ lb. 25c; lb. 40c.

**OREGON GIANT.** A very desirable snap bean. A good climber and very prolific. Pods long, thick-flat, stringless when young, exceedingly tender, rather broad, meaty, pods splashed purplish blue. Pkt. 15c, ½ lb. 30c, lb. 50c.

**KENTUCKY WONDER (Old Homestead).** Matures in 65 days. Unexcelled for home garden and for market. Excellent climber, thrifty, heavily productive. Pods medium green; 9 to 10 inches long, nearly round and ½ inch in diameter; slightly stringy, very fleshy, brittle, tender. Prices at top of page.

**SCARLET RUNNER.** Matures about same as Limas. Good climber. Flowers scarlet, decorative. Pods dark green; 6 inches long, flat oval; fleshy; desirable for snaps and green shell beans. Very attractive as porch or arbor cover. Pkt. 10c; ½ lb. 25c; lb. 45c.

**LONDON HORTICULTURAL (Speckled Cranberry).** Ready for snaps in 65 days; green shell beans in 74 days. Splendid for home and market garden. Good climber, thrifty, heavily productive. Pods green, becoming splashed with carmine at green shell stage; 7 inches long, wide, straight, stringless. Prices at top of page.

### LIMA BEANS

Prices postpaid: Pkt. 10c; ½ lb. 25c; lb. 40c.

**KING OF THE GARDEN LIMA.** Matures in 88 days. Climber, heavily productive. Pods 6 inches long, 1¼ inches wide, ¾ inch thick, usually with 4 or 5 beans. Seeds large, thick, flat, white. An improved strain of large White Lima. Prices at top of this page.

**BURPEE'S BUSH LIMA.** Matures in 75 days. Plant large, heavily productive. Pods large, 4½ to 5 inches long, 1¼ inches wide, ¾ inch thick; usually contain 4 large, thick beans. Dry beans large, flat, greenish-white. Prices at top of this page.

**BABY POTATO.** All-America Silver Medal Winner for 1940. A prolific variety of excellent habits and flavor. Admirably adapted not only for produce markets but also for canning and quick freezing. Seeds are small but thick, of bright green color when fresh, and similar in flavor to Fordhook. Pkt. 15c; ½ lb. 35c; lb. 50c.

## BEETS

Special prices to market gardeners. Send your list to us for prices.

**CULTURE.** Well enriched, light soil is best adapted for the culture of beets. Sow in drills 1 foot apart and cover half inch. It is important that the earth be pressed firmly about the seed. When the plants are large enough, thin to 4 inches apart. Use thinnings for greens if desired. For early crop, sow as soon as the ground can be worked, and continue for succession until the first of July. Liberal manuring should be done for Mangels and Sugar Beets. They should stand 10 to 12 inches apart in the rows.

**MORSE'S GOOD FOR ALL.** Matures in 52 to 55 days. An excellent new variety developed from Detroit Dark Red. Especially fine for canning and pickling whole at 1¼ to 1½ inches in diameter. Roots smooth, even in size and shape, and almost perfectly globular; collar and tap-roots very small; interior deep crimson, free from white zones. If you know the superior excellence of Detroit Dark Red, you will need little introduction to this "baby" strain of the same beet. Unusual evenness of size and shape and almost perfect roundness when small make it the best variety yet for canning or pickling whole. Pkt. 5c; oz. 30c; ¼ lb. 90c. Postpaid.

**MONARCH DETROIT DARK RED.** Matures in 52 to 55 days. The standard of excellence in table beets for home and market garden, for shipping, and for canning. Tops uniform, small, slender, erect. Roots globe-shaped; symmetrical, with small collar and small tap-root; very dark, blood-red. Interior very uniform in color, the zones so inconspicuous that the flesh seems to be one solid ball of deep blood-red meat; remains tender and of highest quality until roots are full grown. Pkt. 5c; oz. 30c; ¼ lb. 90c. Postpaid.

**SWISS CHARD (Sea Kale).** Large Ribbed White. The leaves are broad, somewhat waved, but smooth, and of a medium light yellowish-green. The stalks are broad and flattened, but tender and succulent. Pkt. 5c; oz. 25c; ¼ lb. 75c. Postpaid.

## MANGEL-WURZELS

**GOLDEN TANKARD.** Matures in 95 days. One of the best known and most largely grown yellow mangel, and especially recommended for the dairyman on account of its milk producing properties and the richer quality of the milk. Flesh firm, golden yellow. Can be grown closer than most varieties. Grows well above ground and easily pulled. Yields well on light soils. Oz. 20c; ¼ lb. 60c; lb. \$1.80. Postpaid.

**GIANT HALF-SUGAR MANGEL.** Matures in about 90 days. Roots long oval, tapered; grayish-white with rose-colored shoulder; flesh white, rich in sugar. One of the heaviest croppers. Oz. 20c; ¼ lb. 60c; lb. \$1.80. Postpaid.

**MAMMOTH LONG RED.** The largest of the mangels and the heaviest cropper. Skin red, flesh white, zoned red. Roots very large, spindle shape, straight and thick. Grow 1/3 to 1/2 out of ground. Oz. 20c; ¼ lb. 60c; lb. \$1.80. Postpaid.

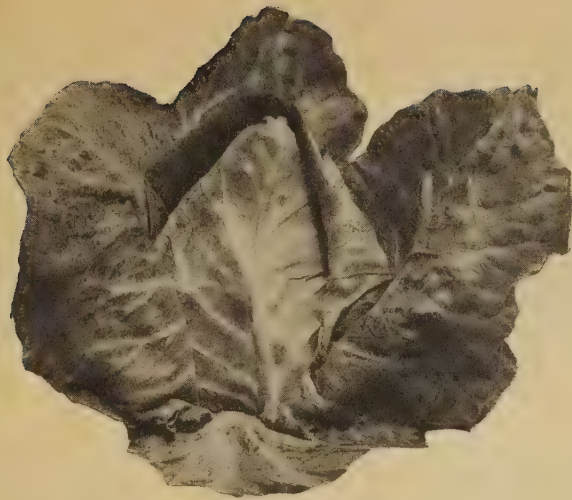
## CAULIFLOWER

**CULTURE.** Cauliflower succeeds well in any soil that will grow good cabbage, but prefers a well enriched soil of loamy character. Sow seed early in February and March in hotbed, transplanting later to cold frame and thence to open ground.

**EARLY SNOWBALL.** This is the most popular for home garden and market. Produces a good crop and a sure header. Pkt. 15c. Postpaid.



## VEGETABLE SEEDS



EARLY JERSEY WAKEFIELD

### CABBAGE

#### Finest Early Sorts

**MONARCH COPENHAGEN MARKET.** Matures in 66 days. Distinctly and uniformly early. Splendid for early market and shipment; proving valuable as early kraut variety. Plant small, compact, allowing very close planting; stem short; heads uniformly round; firm; become 6 to 7 inches in diameter; weight  $3\frac{1}{2}$  to 4 pounds. Interior clear white and of excellent quality. Pkt. 10c; oz. 60c. Postpaid.

**EARLY JERSEY WAKEFIELD.** Matures in 62 days. Extremely early variety very valuable for home and market garden as well as for shipment. Plants very small and compact, allowing close planting; stem is short. Heads firm and conical, usually 7 inches long, 5 inches thick near base; weight 2 to  $2\frac{1}{4}$  pounds. Pkt. 10c; oz. 60c. Postpaid.

**EARLY DWARF FLAT DUTCH.** Matures in 71 days. Excellent for home and market garden. Plants small and compact; stem short. Heads almost ball-shaped; commonly 7 to 8 inches in diameter, 6 inches deep and weigh  $4\frac{1}{2}$  to 5 pounds; firm and of high quality. Pkt. 10c; oz. 60c. Postpaid.

**GOLDEN ACRE CABBAGE.** Matures in 60 to 64 days. The earliest round headed cabbage; especially valuable for early market and shipping. Plants very small and compact; stem short; heads uniformly round; firm, commonly 6 inches in diameter and weight 3 pounds. This is similar to Copenhagen Market but is several days earlier, and the heads are smaller. It is as early as Early Jersey Wakefield. Because of the absence of large surplus outleaves, Golden Acre can be planted closer in the row and the rows nearer, meaning more heads per acre. Pkt. 10c; oz. 60c. Postpaid.

#### Late Sorts

**DANISH BALLHEAD or HOLLANDER** (short stemmed strain). Matures in 90 to 100 days. The best late cabbage. Plants are medium sized with short stem. Heads large; flattened globe-shape; become 8 to 9 inches across, 6 to 7 inches deep, and weigh 7 to 9 pounds. Very firm and solid, of excellent quality, and keep perfectly in storage until late spring. Pkt. 10c; oz. 60c. Postpaid.

**GIANT LATE FLAT DUTCH.** Matures in 105 days. The best very large, late cabbage; popular for home and market garden and for fall shipment; a good keeper. Heads very large and flat, but deep; become 12 to 14 inches across, 7 inches deep; and weigh 12 to 14 pounds or more; firm and of good quality. Pkt. 10c; oz. 60c. Postpaid.

### BRUSSELS SPROUTS

**DWARF IMPROVED.** A carefully grown strain; very hardy and giving compact, round sprouts of large size and good quality. Pkt. 15c. Postpaid.

### BROCCOLI

**CULTURE.** Plant in open ground in May and June, transplanting later when plants are of sufficient strength and size to place in field. Culture same as for Cabbage or Cauliflower.

**ST. VALENTINES.** Fine quality, immense header; ready for market early. Heads remain in good condition longer than most varieties. Pkt. 15c. Postpaid.

### CARROTS

Special prices to market gardeners. Send your list to us for quotations.

**CULTURE.** Carrot seed can be sown early and late in Southern Oregon. As soon as the ground can be worked in February carrots may be sown. They like a well cultivated and loamy soil. Use fertilizer liberally. Sow in rows (table varieties) 16 to 18 inches apart, and for field culture sow in drills 18 to 24 inches apart. Cover one-half to an inch deep and firm soil well over seed.



IMPROVED IMPERATOR

**TENDERSWEET or IMPROVED IMPERATOR.** This carrot grows to a length of 6 to 7 in. with a shoulder diameter of  $1\frac{1}{4}$  to  $1\frac{1}{2}$  inches and is a deep orange color. It has smooth crown; does not have undesirable side shoots; has a fine texture and is very sweet. In all respects it is very attractive for shipping. An ideal bunching carrot. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

**RED CORED CHANTENAY.** A very fine red cored carrot with uniformity and appealing color. Smooth symmetrical shape combined with just the right size make it a good market or home garden carrot. Roots  $5\frac{1}{2}$ -6 in. long,  $2\frac{1}{4}$  in. thick at shoulder, tapered, stumprooted. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50.

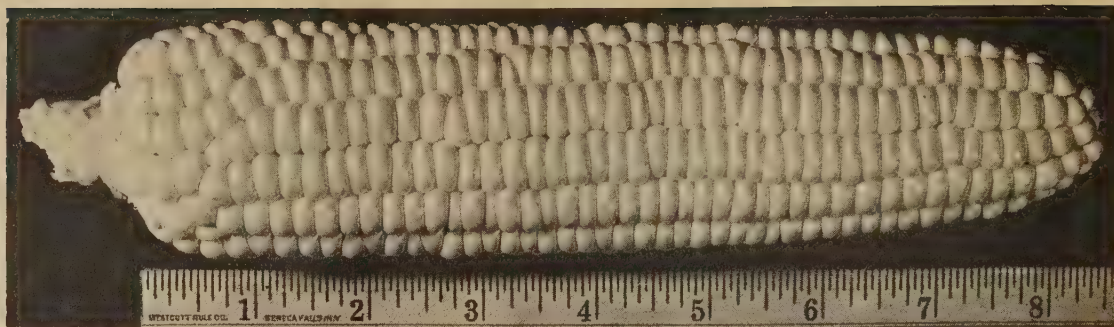
**MONARCH CORLESS CARROT.** Matures in 68 days. One of the best for home garden and early market. Tops small. Roots bright orange; 6 to 7 inches long,  $1\frac{1}{4}$  inches thick; cylindrical; stumprooted. Flesh bright orange, of highest quality; core inconspicuous. Undoubtedly one of the best carrots grown. Not a tapering variety. Fine for bunching. Pkt. 10c; oz. 50c;  $\frac{1}{4}$  lb. \$1.50. Postpaid.

**LARGE WHITE BELGIAN.** Extensively grown for stock. Grows above ground. Oz. 50c;  $\frac{1}{4}$  lb. \$1.50. Postpaid.



## VEGETABLE SEEDS

### NEW HYBRID GOLDEN MARKET



## SWEET CORN

### ACCLIMATED SEED

Prices postpaid (Unless otherwise noted).

Pkt. 10c; ½ lb. 20c; lb. 35c.

**HYBRID GOLDEN MARKET.** Here's a new hybrid variety that's a dandy either for the market gardener or the home garden. Hybrid Golden Market is as early as Golden Early Market with larger ears and yields 50% more marketable ears. Better worm resistance; two-weeks earlier than Golden Cross Bantam. Stalks grow to a height of only about 4 feet. Ears covered with a heavy husk. Market gardeners everywhere have found Hybrid Golden Market a profitable early crop to be followed by Golden Cross Bantam for the later market. Pkt. 15c; ½ lb. 35c; lb. 60c. Write for quantity prices.

**GOLDEN CROSS BANTAM HYBRID.** While this original hybrid variety still leads the group in yield per acre, new varieties have been developed that mature earlier at the expense of production. We still strongly recommend Golden Cross Bantam, believing it to be as good as one would want for the home garden and for maximum production of ears. However, if as a market gardener, you are out after the earliest production and want to get on the market with sweet corn before your neighbor, then we suggest that you plant Hybrid Golden Market, listed above. Golden Cross Bantam matures in about 90 days, yields double that of Golden Bantam; twelve rows to the ear. In trial plantings it yielded 20,000 ears to the acre. A trifle lighter in color than Golden Bantam. Pkt. 10c; ½ lb. 25c; lb. 45c; 10 lbs. \$4.00.

**GOLDEN EARLY MARKET.** One of the best extra early yellow varieties for home and market garden. Ears have strong husks; 8 to 12 rowed. Kernels golden-yellow, medium, tender, sweet and of good flavor. Very prolific for so early a variety. Matures in 75 days from planting which is 5 days earlier than Golden Bantam. Prices at top of page.

**GOLDEN BANTAM.** The best known and most favorably known of all the yellow varieties. Stalks often have 2 ears. Ears 8 rowed; kernels broad, with tender hull, sweet, and of exceptionally fine flavor. Used widely for home gardens, by truckers and for canning. Matures in 80 days. All our seed sweet corn is northern grown, acclimated seed. Prices at top of page.

## POP CORN

**JAP HULLESS.** Most profitable and popular; short ears, white pointed kernels. Pkt. 10c; ½ lb. 20c; lb. 35c. **Popping Corn** 5 lbs. 85c postpaid; 10 lbs. \$1.50 postpaid.

**SOUTH AMERICAN YELLOW.** A giant yellow corn. Pops into mammoth creamy yellow, tender, fluffy kernels. Pkt. 15c; ½ lb. 30c; lb. 50c.

## CELERY

**FRENCH GOLDEN SELF-BLANCHING.** The best celery for early market use. Of yellow color when matured. Brings top prices. Pkt. 10c; oz. \$1.00. Postpaid.

**UTAH.** A very desirable green type early maturing celery. Becoming very popular. Pkt. 10c; oz. \$1.00. Postpaid.

## CUCUMBERS

Prices Postpaid.

**CULTURE.** Reasonably good soil that is fully exposed to the sun will raise a good crop of Cucumbers. Every family should be supplied from its home garden, since the fruit is so much better when gathered fresh from the vines as desired for use than it is in the more or less wilted condition in which it is found on the market. Cucumbers are close relatives of melons but mature in about 60 days and may be brought to maturity with little trouble in the home garden. The seeds must be sown after the ground becomes warm, and the plants thinned to three or four to the hill. A very rich soil is the best precaution against insects and the blight. The striped beetle should be kept away from the young plants with liberal applications of powdered DUTOX. Dust the under side of the leaves with NICOTINE DUST to kill aphids. See page 46.

**MONARCH IMPROVED LONG GREEN.** Matures in 72 days. The most popular and one of the best for the home garden; particularly desirable for slicing. Fruits rich dark green; black spined; 12 inches long; 2¼ to 2¾ inches thick; straight; cylindrical; with few seeds. Carry a distinctive flavor, make excellent pickles, and when yellow and ripe the best sweet pickles. Pkt. 5c; oz. 20c; ¼ lb. 65c.

**EARLY WHITE SPINE.** Matures in 60 days. The most popular white spined cucumber for the home garden; extensively grown for shipping. Fruits medium dark green; remain in good condition remarkably long; 7 inches long; 2½ inches thick; slightly tapered; blunt. Pkt. 5c; oz. 20c; ¼ lb. 60c.

**CHICAGO PICKLING.** Most widely used of pickling varieties. Uniform and attractive; also good for slicing. Fruits medium green, square ended; very prolific. Pkt. 5c; oz. 20c; ¼ lb. 60c.

**LEMON CUCUMBER.** Matures in 65 days. Fine for preserves. Yellow in color, fruits round. Fine for salads. Every garden should contain a few hills of Lemon Cucumber. Pkt. 5c; oz. 25c.

**STRAIGHT-8.** This outstanding new variety produces symmetrical, cylindrical fruits about 8 inches long and 1½ inches in diameter. The fruits are well rounded at the ends and when in condition for use are deep green and free from objectionable striping or tipping. Ideal for shipping or for home or market garden. Pkt. 10c; oz. 20c; ¼ lb. 60c.





## VEGETABLE SEEDS

### KALE

**1000 HEADED or COW KALE.** Frequently attains a growth of 6 to 8 feet and produces many of the smooth leaves. Largely used for feeding stock and poultry. Oz. 15c; ¼ lb. 45c; lb. \$1.35.

**DWARF CURLED SCOTCH.** Long plume-like leaves with edges finely cut. Pkt. 15c; oz. 45c.

### LETTUCE

Prices Postpaid.

**NEW YORK PW55 (Peters-Wheeler).** This new introduction received Honorable Mention in the 1941 trials. It is a very early New York type, compact, medium in size and with small core. Wrapper leaves curve over the head without twisting. Although showing remarkable resistance to tipburn, its chief claim to wide favor seems to lie in its extreme earliness in the crisp leaf class. Pkt. 10c; oz. 50c; ¼ lb. \$1.25.

**IMPERIAL NO. 847.** Best suited for summer crops. A very popular variety among market gardeners. Good shipper. Resistant to brown blight. Crisp heading plants of medium size. Leaves smooth, thick, medium light green. Heads round, well folded, firm with low seed stalk. Pkt. 5c; oz. 30c; ¼ lb. 90c.

**NEW YORK NO. 515.** Similar in habit and head formation to New York No. 12, but color is brighter green and the head somewhat better formed and smoother. Sure-heading and resists tip-burn in warm weather as well as any firm heading lettuce. At present used principally for summer lettuce on land not infected with brown blight, but with distinct promise in all sections of the country for spring head lettuce. Not well adapted to fall harvest due to tendency to bolt under unfavorable conditions. Pkt. 5c; oz. 30c; ¼ lb. 90c. Write for quantity price.

**GRAND RAPIDS.** One of the most popular loose leaved varieties. Excellent for early planting outside, and for greenhouse forcing. Plants erect and compact; leaves light green, broad, wavy, curly and heavily fringed at the edges. Handsome sort; very tender and sweet when grown under glass. Early maturing. Pkt. 5c; oz. 20c; ¼ lb. 60c.

**IMPERIAL No. 152.** This variety is an improved Los Angeles type. Best suited for Fall and late Summer planting. Very sure heading and can be grown under a wide range of conditions. Resistant to brown blight. Very firm, round exposed heads. Pkt. 5c; oz. 30c; ¼ lb. 90c.



### KOHL RABI

Hardy and easy of culture. Grown from plants the same as cabbage. The Kohl Rabi is a vegetable intermediate between the cabbage and turnip and combines the flavor of both. It should be eaten before growth ceases.

**EARLY WHITE VIENNA.** Very early; bulb white; best table variety. Pkt. 10c; oz. 35c. Postpaid.

**EARLY PURPLE VIENNA.** Same as above except in color, which is purple. Pkt. 10c; oz. 35c. Postpaid.

### MUSTARD

The following varieties make the finest greens when used alone or if combined with cress furnishes a delicious salad. Sow any time in the spring, in rows, and thin out as necessary.

**SOUTHERN GIANT CURLED.** This is a giant curled leaf of fine quality. Pkt. 5c; oz. 15c. Postpaid.

**CHINESE MUSTARD.** Less pungent than other varieties. A most delicious variety thriving under same conditions as spinach. Pkt. 5c; oz. 15c. Postpaid.



HALE'S BEST

### MUSKMELON

**CULTURE.** Plant in hills 4 to 6 feet apart each way after danger of frost is past and ground is warm; enrich well with well-rotted manure and plant seeds just under the surface, putting ten or twelve seeds in a hill covering about an inch deep with fine soil firmly pressed down. When the plants begin to crowd and the striped beetles are pretty well gone, thin to four of the most vigorous plants in a hill. Give frequent but shallow cultivation until plants make runners too long for practical work. Rich earth is far preferable to manure, and if manure is used be sure it is well rotted and well mixed with the soil. Use NICOTINE DUST for melon aphids and for beetles, but with finely sifted ashes or road dust. See page 46.

**MONARCH PERFECTO.** This variety is recognized as the highest development in cantaloupe and is especially recommended for planting where melons are inclined to rust as it is more rust resistant than most sorts. Well grown, practically all these melons pack 12 to the Jumbo flat crate. The netting is well developed and closely laced covering the entire melon. The interstices between the netting are small and bright green when full ripe. The flesh, a rich orange salmon, is very deep and the color shows through the rind where the melon touches the ground a day or two before the melon will slip enabling the careful picker to pick accurately. The quality is unexcelled. The flesh is fine grained, very sweet and spicy. We offer No. 1, first cut seed only. Pkt. 5c; oz. 15c; ¼ lb. 40c. Postpaid.

**HALES BEST.** An outstanding early shipping cantaloupe. Planted extensively in all melon growing sections, for early shipping. Fruits oval; inconspicuous ribbing with heavy netting. Flesh extremely thick, salmon-orange, sweet and of fine quality. An excellent keeper and a good shipper. Seed cavity very small. Earlier than Superfecto, matures in 85 to 90 days. Pkt. 5c; oz. 15c; ¼ lb. 40c. Postpaid.

**HEARTS OF GOLD.** Still a dominating favorite. Quality extremely fine. Well netted except a narrow stripe between shallow ribs. Holds its color well. Very firm and a good shipper. Deep golden flesh is of the finest quality. Sweet, spicy and distinctly flavored. Hearts of Gold, because of its outstanding flavor will always remain a favorite. No garden is complete without it. Matures in 92 days. Pkt. 5c; oz. 15c; ¼ lb. 40c. Postpaid.

**ROCKFORD.** Everyone knows this melon. It is one of the old standbys. Pkt. 5c; oz. 15c; ¼ lb. 40c. Postpaid.

Prices on all vegetable seeds postpaid unless otherwise marked.



## VEGETABLE SEEDS



### WATERMELONS

**EARLY CANDADA.** This is one of the most recent introductions. Probably the earliest good watermelon yet developed. Early Canada matures in 75 days from planting. The size is medium and the flavor is fine. Its outside color is greyish-green at maturity with a fine green veining. The rind is thin and the flesh is bright red with small, mahogany brown seeds. Weight about 15 pounds. Size 10 x 9½ inches. Early Canada is indeed a variety of exceptional quality. It is exceedingly early, but due to its comparatively thin rind, it is not adapted for shipping. We recommend this early variety for home market and home consumption. Get on the market early with melons. Grow Early Canada. Pkt. 10c; oz. 30c; ¼ lb. 90c.

**STRIPED KLONDIKE.** Right for the present this variety is the most popular watermelon in the Southern Oregon district, both for home market and shipping. The flavor is fine, texture unexcelled, a good shipper and very attractive with its mottled skin. Thin rind with small brown seeds. Matures about the same time as Brown Seeded Klondike; in about 85 days. We suggest that you plant this variety for main crop but plant EARLY CANADA for an early watermelon. See description above. Pkt. 10c; oz. 25c; ¼ lb. 75c.

**MONARCH BROWN SEEDED KLONDIKE.** (Early maturing strain.) Flesh deep red, very sweet, flavor of the best, rind thin, dark green and tough enough to allow shipping to near-by market. Stem end square, center full, tapering slightly to the blossom end. A favorite on the Pacific Coast. One of the best flavored melons we have ever offered. Usually weighs about 25 pounds. We offer the earliest maturing strain. You can buy cheaper seed, but never better. Pkt. 10c; oz. 20c; ¼ lb. 60c. Postpaid.

**KLONDIKE R7** (Wilt resistant). Developed by Dr. D. R. Porter of the University of California. Resistant to fusarium wilt. Quite similar to Brown Seeded Klondike Strain, but when young the melons show a distinct bloom and at maturity they are smoother and show less furrowing. Pkt. 10c; oz. 30c; ¼ lb. 90c.

### CASABAS

Prices Postpaid.

**GOLDEN BEAUTY.** Fruits are nearly globular of bright golden yellow color. Flesh is white, very thick and juicy. Pkt. 5c; oz. 20c; ¼ lb. 60c.

**WINTER PINEAPPLE.** A casaba that ripens slowly and lasts practically through the winter. Stores like Hubbard squash. Pkt. 5c; oz. 20c; ¼ lb. 60c.

**PERSIAN (Small Variety).** Matures in 115 days. Requires long season to attain perfection; widely grown for market. Fruits globular, skin very green; netted. Flesh thick; bright orange; of distinct flavor when melons are fully ripe. Pkt. 10c; oz. 35c; lb. \$1.10.

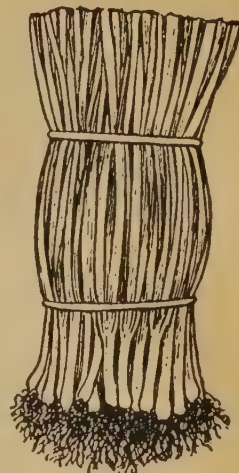
### Crystal Wax — White Bermuda ONION PLANTS

Our plants are strong, full count plants. Will make either young green onions of delectable flavor or can be left to mature for dry onions. Prices postpaid; 1 bundle of 100 plants, 30c; 5 bundles, \$1.00; 10 bundles, \$1.75.

Ready for shipment after March 15th

NOW YOU CAN HAVE BERMUDA ONIONS IN YOUR OWN GARDEN. Because of the long ripening season necessary to mature Bermuda Onions it has been impossible in the past to raise this delicious onion in Western gardens. Raising a crop from seed was impossible. Now plants are available for resetting and it is possible to grow the "finest and sweetest onion" of them all in your own garden. Plants are no longer an experiment; they all grow perfectly in every locality. Our plants will make early green onions for pulling and LARGE, SWEET MATURED ONIONS for the table or market. One thousand plants will produce 8 to 10 bushels of dried onions. Our plants are sure to grow.

Prices postpaid (over the counter prices somewhat lower).



### ONIONS

**EARLY SWEET SPANISH (Utah Strain).** This strain of Sweet Spanish has been bred up to keeping quality perfection. Originally the Spanish strain of this type did not have the keeping quality, hence seed breeders set to work to include the necessary keeping propensities. Such will be found in our Sweet Spanish. This is a very sweet and early onion. Most of you know it for its extreme high characteristics. Early, mild, excellent keeper, heavy yielder. Increasingly popular with the market and home gardener. Large, yellow, globular, flesh white, very sweet and of pleasing flavor. Desirable for shipping. Our seed comes from the most reliable source and you'll find ours. True-to-type stock. Pkt. 10c; oz. 75c; ¼ lb. \$2.25. Postpaid.

**WHITE SWEET SPANISH.** This variety is becoming quite popular with market growers as well as home gardeners. It has all the qualities of Sweet Spanish combined with white color to make it attractive in the market. While White Sweet Spanish has a natural tendency to revert to off colors, you'll find our seed as true to type as is possible to obtain it. This variety is a trifle earlier than our Early Sweet Spanish. Pkt. 10c; oz. 75c; ¼ lb. \$2.25. Postpaid.

**YELLOW GLOBE DANVERS.** One of the most extensively used main crop yellow onions for the home garden. Here's what our grower says about our seed; "Our selection and breeding have developed a strain which has the early ripening habit and small neck of the original Danvers and yet is more globular and prolific than the parent type. The bulbs are medium to large sized, uniformly globe shaped and white fleshed, with a crispness and an excellent mild flavor. Highly recommended." Could you ask for more in an onion? Pkt. 10c; oz. 40c; ¼ lb. \$1.15. Postpaid.

**CRYSTAL WHITE WAX.** A most attractive onion. An offspring of White Bermuda. Pure white in color, being waxy in appearance. Largely grown for the market but highly recommended to the home gardener. Pkt. 10c; oz. 75c; ¼ lb. \$2.25. Postpaid.

### ONION SETS

For the earliest green onions use onion sets, planting them about 2 inches apart in the row. Dry onions can be grown from sets, but it will be found much less expensive if grown from seed. We can furnish Yellow Strassburg sets at 35c per quart postpaid; 5 quarts, \$1.50; 10 quarts and up, 25c per quart, postpaid.

**Note:** We cannot supply Sweet Spanish onion sets.



## VEGETABLE SEEDS

### PEAS

**CULTURE.** One pound will sow 100 feet. Light, moderately rich soil is best for this crop. Sowing of first early varieties should be made in October, and the other varieties in the early spring. Peas are sown in single or double rows from 2 to 6 feet apart, according to the variety or height to which they attain. Dwarf varieties are planted 2 feet apart, and those of medium sorts 3 feet to 4 feet apart. Tall varieties from 5 to 6 feet apart.



#### Early Varieties—Dwarf

**MORSE'S MARKET (No. 122).** A new large podded early mid-season pea. Vines robust, 24 to 30 inches tall; pods 5 to 5½ inches long, produced abundantly even to the tip of the branches. A fine variety to plant with early peas for succession. Eight to 11 peas are contained in every pod. After standing for some time, the pods still look fresh and attractive, a characteristic which makes them unusually good for use by market gardeners and shippers. An excellent home garden variety. Pkt. 10c; ½ lb. 25c; lb. 40c; postpaid.

**LAXTON'S PROGRESS.** Matures in 60 days. Splendid variety for home, market garden and shipping. Vines dwarf; 20 inches tall; dark green; prolific. Pods handsome; dark green; very large for dwarf variety; fully 4 inches long, ⅜ inch wide, plump; tapered at end. Seeds large, wrinkled; cream; interior yellow. Laxton's Progress is an improvement over Laxtonian. More prolific, larger pods with immense peas, filling the pods to bursting. If you want the maximum from your pea crop, plant Laxton's Progress. Our seed comes to us from the West's most reliable grower. Germination is high and you'll find our stock positively True-to-Type. Pkt. 10c; ½ lb. 25c; 1 lb. 35c; postpaid. Quantity price on application.

**LAXTONIAN.** Matures in 65 days. While not quite as early as Laxton's Progress this old favorite is earlier than most early sorts and by far superior to most. Dwarf, large-podded, this variety is generally considered the best of its class. The blue-green pods are often more than 4 inches long and contain 8 dark green peas of finest flavor. It is especially recommended for home garden use. Seeds are large, wrinkled; green and cream in color. Pkt. 10c; ½ lb. 20c; lb. 35c, postpaid. Quantity price on application.

**TALL TELEPHONE.** Vines 4 to 4½ feet tall. Heavily loaded with very large, well formed pods, often 5 to 5½ inches long. Light yellowish-green and normally contain 8 to 10 very delicious, large peas. Pkt. 10c; ½ lb. 20c; lb. 35c, postpaid.

### PEPPERS

#### CALIFORNIA SWEET

**WONDER.** Matures in 72 days; large green fruits available practically as early as Ruby King. This is the standard of excellence in sweet peppers; much used, particularly by market gardeners and shippers. Plant thrifty, upright, heavily productive over a long season. Fruit handsome, very large, very smooth and regular, commonly 4½ ins. long and 3½ to 4 ins. through; deep green, becoming bright crimson; flesh extremely thick and firm, sweet throughout and of distinct flavor. Pkt. 10c; oz. 75c. Postpaid.



**LARGE BELL OR BULL NOSE.** Matures in 55 to 60 days. An old favorite. Sweet with mildly pungent ribs. The earliest, most prolific large fruited pepper. Plants small, upright. Fruits 3 to 3½ inches long, 3 inches thick, blocky; slightly crumpled; deep green becoming scarlet red. Pkt. 10c; oz. 60c. Postpaid.

**CHINESE GIANT.** Matures in 80 days. The largest sweet pepper. Fruits 4½ to 5 inches long and of equal diameter; roundish, blunt at the ends; somewhat crumpled; deep green, mild and sweet throughout. Pkt. 10c; oz. 75c. Postpaid.

**LONG RED CAYENNE.** Matures in 70 days. A leading sort for use in pickling and for drying. Very pungent, fruits 5 inches long, ½ inch thick, tapered. Pkt. 10c; oz. 50c. Postpaid.



### PUMPKINS

**CULTURE.** Enormous pumpkins may be grown on the fertile soils of Southern Oregon and Northern California. Plant the seed in the open ground when it is well warmed and after danger from frost is past. Plant in hills about 8 feet apart; 3 to 4 pounds of seed will plant an acre and 8 ounces will plant 100 hills. Do not plant near squashes, as they are likely to mix.

**CONNECTICUT FIELD.** The standard field pumpkin, grown for pies, canning and stock feed. Fruits very large, commonly 10 inches long, 12 inches in diameter and weigh 20 lbs., sometimes much larger; skin smooth, deep orange-yellow; shell thin, hard; flesh thick, coarse, sweet and deep yellow. Pkt. 10c; oz. 15c; ¼ lb. 35c. Postpaid.

**WINTER LUXURY OR PIE.** Very popular home and market garden sort; about in season with New England Pie. Fruits almost globular, commonly 7 to 8 inches long and 8 to 9 inches in diameter and weigh 8 pounds; skin light orange; not furrowed but with a netted, russet appearance; rind thin and easily cut; flesh very thick, yellow, firm and of splendid quality. Pkt. 10c; oz. 20c; ¼ lb. 45c. Postpaid.

**NEW ENGLAND OR SWEET SUGAR.** A handsome and productive small pumpkin; skin orange, flesh yellow, fine grained, very sweet. This is the famous New England Pie Pumpkin. Pkt. 10c; oz. 20c; ¼ lb. 35c. Postpaid.



## VEGETABLE SEEDS



### PARSNIPS

ONE OUNCE of seed will sow 200 feet of drill, 5 pounds will plant an acre. This crop requires a very rich soil. Sow in drills 18 inches apart and one-half inch deep and thin to 8 inches in the row.

**LONG SMOOTH or HOLLOW CROWN.** A standard table sort; the best and most productive for field culture. Pkt. 5c; oz. 20c; ¼ lb. 60c. Postpaid.

### RADISHES

**CRIMSON GIANT.** Matures in 29 days. Superior home and market garden sort. Tops medium small. Roots spherical to slightly top-shaped; deep crimson; the largest of the early turnip rooted radishes; commonly attain diameter of 1½ inches before becoming pithy; of unexcelled quality. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.

**EARLY SCARLET TURNIP.** Matures in 23 days. Very early sort, superior and equally valuable for out-of-door culture and for forcing. Tops small, ideal for bunching. Roots slightly elongated globe shape; 1¼ inches long when ideal for use; with slender well defined tap root; uniform rich bright scarlet; flesh white, crisp and of splendid quality. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.

**EARLY SCARLET TURNIP (White Tipped).** Matures in 25 days. Handsome, popular variety of outstanding quality; much used in home and market gardens. Tops small, roots deep turnip shape, almost globular, with slender tap root; bright scarlet with well defined white area about the tip; remain crisp and of splendid quality until 1¼ inches in diameter or greater. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.

**LONG SCARLET.** Matures in 26 days. Standard home and market garden sort. Tops small. Roots long, tapered; become 4-5 inches long and ¾ inch thick at shoulder; bright carmine red. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.

**LONG WHITE ICICLE.** Matures in 27 days. Decidedly the best early white variety and considered by many the standard of excellence in radish. Particularly popular in home and market gardens. Tops small, roots long, tapered; very white; brittle as ice; of splendid quality until 5 to 6 inches long; mild and of splendid flavor. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.



See page 36.



### RUTABAGAS

**AMERICAN PURPLE TOP.** One of the best and most popular varieties, with yellow flesh. Good for stock feeding. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.

**LARGE WHITE or SWEET RUSSIAN.** A very large variety, with white skin and flesh which is tender and sweet. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.

### SPINACH

**CULTURE.** Of easy culture and very profitable. Spinach may be planted in the fall or early spring. In our mild climate winter sowing is practical with good results. Sow 8 pounds per acre as a field crop or 1 ounce to 100 feet in the home garden. The richer the soil the larger and better the leaves. Use a top dressing of Sulphate of Ammonia after plants have started to grow.

**BLOOMSDALE SAVOY.** Matures in 40 days. The standard very early sort for home and market garden. Plants upright and compact, attain height of 10 to 12 inches and spread 12 to 15 inches. Leaves large; blistered and crumpled; rich deep, glossy green; of splendid quality. Pkt. 5c; oz. 20c; ¼ lb. 60c.



**GIANT THICK LEAVED.** Matures in 43 days. Decidedly the best of the round seeded thick leaved sorts. Because of the enormous yield, long standing character, and the deep green color and smooth character of the leaves, this is highly recommended for canning as well as for home and market garden. Leaves very large, thick broad arrow-shaped with rounded tip. Easy to wash free of sediment. Pkt. 5c; oz. 20c; ¼ lb. 60c. Postpaid.

**NEW ZEALAND.** Distinct from other kinds of spinach and particularly valuable for culture in hot dry weather. Seeds comparatively large and nut-like. Plants very large and spreading; leaves numerous, small, triangular, thick, deep green. The tender leafy shoots are gathered repeatedly. A perennial sort. Pkt. 10c; oz. 20c; ¼ lb. 60c. Postpaid.

Wedderburn, Oregon.

Dear Sirs: I have been buying your garden seeds for several years. I find your seeds good. They seem to be fresh seeds. They all come good for me and I have good luck with them. I will say I always get good measure and excellent service. Yours truly,

IKE SMITH.

P. S. I live on the ocean where Monarch seeds cannot be beaten.



## VEGETABLE SEEDS

### TOMATOES

**CULTURE.** Sow the seed in hotbeds in early March, moving plants to cold frame when of suitable size. Harden off in cold frame until conditions are right in the field for their transplanting. Too frequent watering is harmful, especially spraying the plants. Just a moderate amount of water should be applied at the roots at regular intervals.



**BREAK O'DAY.** Another of Dr. Pritchard's introductions. A cross of Marglobe and Marvana resistant to wilt and nail-head rust. Plant light, of open, spreading habit with medium foliage; early and very prolific. Fruits medium large, orange-red, uniform, globe-shaped, smooth; walls not as thick as in Marglobe. Very early maturing, just 4 days later than Earliana. Very desirable for early market. Fruits are free from cracking around stem end and of very uniform shape. Pkt. 10c; oz. 60c. Postpaid.

**MARGLOBE.** Our stock of Marglobe is bred directly from seed originated by the U. S. Department of Agriculture. This variety has come into wide use by truckers and shippers and in some sections by canners. Plant vigorous, with heavy foliage, resistant to wilt and nail-head rust; moderately productive. Fruits medium large, nearly globular, smooth, solid, with thick walls and cross-sections of fine quality. Pkt. 10c; oz. 45c. Postpaid.

**EARLIANA (Special Market Gardener Strain).** A first early sort, widely used for home gardens and by truckers. Ours is one of the several excellent strains of this important variety which has been bred for thicker, smoother fruits. Vine is open, spreading, medium small. Fruits flattened, medium sized, form, bright, red, quite smooth. Pkt. 10c; oz. 50c. Postpaid.

**CHALK'S EARLY JEWEL.** A second early sort for home gardeners and truckers, also good for canning. Plant medium, with open growth; prolific. Fruits medium large, smooth, scarlet, flattened globe-shaped. Pkt. 10c; oz. 35c. Postpaid.

#### Small Fruited Varieties

**YELLOW PEAR.** Pkt. 10c; oz. 65c. Postpaid.

**YELLOW PLUM.** Pkt. 10c; oz. 65c. Postpaid.

**HUSK TOMATO or GROUND CHERRY.** Small, round, yellow fruits about half an inch in diameter, enclosed in a thin husk. Very deliciously sweet. Excellent for preserves. Pkt. 10c; oz. 65c. Postpaid.

### SQUASH

**CULTURE.** Do not sow squash seed until all danger of frost is past. Put a spadeful of well rotted manure in each hill and dig it in well. Sow 8 to 10 seeds in a space one foot in diameter and later thin to the strongest three plants. Eight ounces of seed will plant 100 hills; 2 to 3 pounds per acre. In gathering winter squash it is important to keep the stems from being broken off.

**IMPROVED WARTED HUBBARD.** Standard winter squash for home, market and shipping. Fruits medium large; commonly 9 to 10 inches through; globular, dark bronze green, moderately warted; rind very hard and strong; flesh very thick, deep orange-yellow, fine grained and dry; of splendid quality. Pkt. 5c; oz. 15c; ¼ lb. 40c. Postpaid.

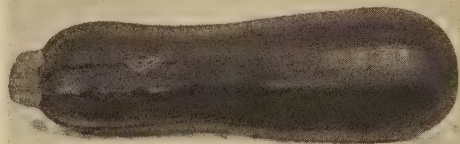
**BANANA or SWEET POTATO.** An excellently flavored winter squash. Fruit commonly 18 to 24 inches long and about 7 inches in diameter. The skin is gray-blue and not so hard as that of the Hubbard, while the flesh is fine grained, deep yellow, dry, sweet and of prime quality. Good keeper. Pkt. 5c; oz. 20c; ¼ lb. 50c. Postpaid.

**TABLE QUEEN or DES MOINES.** Very early; extremely prolific; one of the most popular for home and market garden and shipping. Fruits pointed acorn shape; 5½ inches long and 4 inches through; uniformly ridged; skin smooth, dark green; shell thin; flesh light yellow, bakes dry and sweet. Vines yield prolifically and fruit matures in about 100 days. Fine for baking and serving in halves. Pkt. 5c; oz. 15c; ¼ lb. 40c. Postpaid.

**YELLOW SUMMER STRAIGHTNECK.** Well known. Fruit long, skin very much warted; bright golden yellow. Pkt. 5c; oz. 20c; ¼ lb. 45c.

**WHITE BUSH SCALLOP.** A very early variety with flat, white scalloped squashes 4 to 6 inches in diameter. Vine bushy in habit and dwarf. Pkt. 5c; oz. 15c; ¼ lb. 35c.

**MAMMOTH CHILI.** The largest squash. Used for stock feeding. Immense size means heaviest yield per acre. Pkt. 5c; oz. 15c; ¼ lb. 40c.



**ZUCCHINI (Italian Marrow).** This is a new dark skinned type more desirable than former types. Matures in 65 days. Straight, almost cylindrical. Grows to a length of 18 inches and 4 inches in diameter. Fruits smooth, rich dark green with no striping or mottling. The favorite summer squash. Pkt. 10c; oz. 20c; ¼ lb. 60c.

### TURNIPS

ONE OUNCE will seed 100 feet; 2 pounds will sow an acre. Turnips do best in highly enriched soil of light, sandy texture. Sow in drills from 12 to 15 inches and thin early to 8 or 9 inches apart.

#### PURPLE TOP STRAP LEAF.

Ready for the table in 45 days. Very important home and market garden sort. Tops small, erect, compact. Roots flat, become 5 inches in diameter and half as thick; purplish red above and white below; flesh clear white, fine grained, mild. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.



TURNIPS, PURPLE TOP STRAP LEAF

**PURPLE TOP WHITE GLOBE.** Matures to table size in 55 days. Full size in 70 days. The standard home, market garden and shipping sort for table use. Tops medium large, compact, strap leaved. Roots globular, smooth; bright purplish-red above, white below; become 5 to 6 inches in diameter; flesh white, firm; fine grained and tender when young. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.

**WHITE EGG.** Ready for the table in 55 days. Tops erect, fairly compact; cut-leaved. Roots white, smooth, grown one-half above ground, egg shaped, 3 inches long; flesh white, firm grained, sweet and tender. Pkt. 5c; oz. 15c; ¼ lb. 45c. Postpaid.



# FIELD GRASS SEEDS

. . . Write for Quantity Prices



RED TOP GRASS

**CRESTED WHEAT GRASS.** Here's a grass that no amount of drought can kill out. If you have real dry land in which you have been unsuccessful in getting a profitable stand of grass or hay, plant Crested Wheat Grass. A little preparation of the soil and the sowing of 15 pounds per acre of this dryland grass will solve the problem presented to you each year by that dry land. Crested Wheat Grass makes a palatable hay, produces well and will not kill out. In spite of the severe droughts in the middle west, Crested Wheat Grass has held its own, producing feed where all other grasses failed. The crop of seed is extremely short this year and our supply quite limited, so order early. This grass is the first to start in the spring and the first to spring to life when fall rains come. It stands the severest cold weather and best of all, the hottest and driest summer weather. Lb. 40c; 10 lbs. \$3.50, postpaid.



CRESTED WHEAT GRASS

**RED TOP (Herds Grass).** Sow 12 to 15 pounds per acre. This is one of the most valuable and satisfactory grasses in all localities. Thrives on low ground, where water stands late in the season. Red Top should be included in all mixtures intended for permanent pastures or hay. It makes excellent pasturage and is ideal for hay. When well established it spreads and will supplant other grasses. Fine for hillsides, will prevent erosion. Matures at the same time as Meadow Fescue, Orchard Grass, Tall Oats Grass and Timothy. Lb. 35c; 10 lbs. \$3.25, postpaid.

**TALL MEADOW OAT GRASS (Evergreen Grass).** This grass seems to make more leafage and grazing, a larger yield of hay and to keep green longer, both during the winter and summer, than most grasses. It is especially adapted to heavy soils. It withstands heat and drought and the cold of winter; starts very early in the spring and continues late in the fall. For hay it can be cut twice in a season, frequently producing doubly as much hay as timothy. Ripens at the same time as Orchard Grass and Red or Alsike Clover. Thrives on uplands but gives excellent results on nearly all soils and better than most grasses on light and sandy soils. When sown alone, sow 25 to 30 pounds to the acre either in spring or fall. Lb. 50c; 10 lbs. \$4.50, postpaid.

**KENTUCKY BLUE GRASS.** Sow 20 to 30 pounds per acre. There is no better grass for permanent pasture than Kentucky Blue Grass. It is nutritious, palatable and a heavy producer. Except in very light soils it should be included in every mixture. Very hardy, spreads freely, produces abundantly, withstands drought and cannot be tramped out. Lb. 40c; 10 lbs. \$3.50, postpaid.

**WINTER BLUE GRASS (Poa Bulbosa).** "The Grass That Grows When Other Grasses Sleep." Poa Bulbosa reverses the normal order of growth and produces winter grass while other crops are dormant. It is a perennial and distantly related to Kentucky Blue Grass. Cattle eat Poa Bulbosa readily and greatly relish this grass either in the green stage or as dry pasture. Poa Bulbosa can be winter pastured and toward spring the cattle removed to permit the grass to grow to full development when it can be either dry pastured or cut for hay. It supplies winter grazing when all other grasses are dormant. Will not become a pest. Requires no further seeding when once established. Plant in the fall or early winter, seeding at the rate of 25 pounds per acre. Poa Bulbosa can be combined with alfalfa resulting in two crops from the same piece of ground; hay crops in the summer and pasture during the winter. Postpaid, small lot price, 40c lb. Write for quantity prices.

**OREGON RYE GRASS.** A rapid grower, very winter hardy, leaves and stems medium fine, stools heavily, has a bright green color. Excellent for pasture or for hay. Plant with Ladino Clover to prevent bloat. Sow 20 pounds per acre. Lb. 20c; 10 lbs. \$1.50, postpaid.

**BROME GRASS.** Will stand drought and produce heavy crops in dry sections and on poor soils where other grasses perish. It is one of the hardiest growers and succeeds on our dry hillsides. Sow 35 pounds per acre. Lb. 40c; 10 lbs. \$3.50, postpaid.

**INOCULATE**  
your LEGUMES with  
**NITRAGIN**

for ALFALFA, CLOVER,  
BEANS, COWPEAS, PEAS,  
SOYBEANS, LESPEDEZA,  
PEANUTS, all LEGUMES

1898 Forty Four Years of Service 1942

**PRICES REDUCED ON PEA, VETCH, LESPEDEZA,  
COWPEAS, PEANUTS, AND SOYBEAN GROUPS**

## BUILD UP YOUR SOIL

### Inoculate Your Legumes with NITRAGIN

Inoculate your Legume seeds even tho planted on fields that have been inoculated before. Field tests have shown that better crops are harvested when Legume seeds are inoculated even when planted on fields where inoculated seeds of the same Legume crops had grown the previous year.

### NITRAGIN INOCULATION PRICES

When Ordering, ALWAYS State Name of Seed

#### ALFALFA, all CLOVERS

Size	ea.	Retail
1/2 bu.	ea.	.30
1 bu.	ea.	.50
2 1/2 bu.	ea.	1.00

#### PEAS (All Varieties)

#### VETCHES (All Varieties)

1/2 bu.	ea.	.25
1 bu.	ea.	.35
1 1/2 bu.	ea.	.50
12 1/2 bu.	ea.	3.50

#### BEANS

#### String, Wax, Kidney

1/2 bu.	ea.	.25
1 bu.	ea.	.35
1 1/2 bu.	ea.	.50

#### LESPEDEZA Hulled or Unhulled

Size	ea.	Retail
Small (Inoculates up to 50 lb. seed)	ea.	.35
Large (Inoculates up to 100 lb. seed)	ea.	.50

#### SOYBEANS, LIMA BEANS, COW PEAS and PEANUTS

Small (Inoculates up to 120 lb. seed)	ea.	.30
5 bu.	ea.	.55
25 bu. (one can)	ea.	2.50
30 bu. (one ctn.)	ea.	3.25
(Contains 6-5 bu. cans)		

#### GARDEN SIZE

Garden Peas and Beans  
Sweet Peas and Lupines  
Enough for 6 lbs. seed  
Retail Price 10c each.

**NITRAGIN — Oldest and Most Widely Used Inoculator in America**



## FIELD GRASS SEEDS (Continued)

**TIMOTHY, the Most Extensively Grown Hay Grass.** Sow 12 to 15 pounds per acre. For hay, timothy is the best known and most extensively grown of all grasses. A stand is easily established, it is inexpensive to sow, it starts quickly and yields its best crop the year after it is sown, but the following year's crop may be equally as heavy if liberally top-dressed with manure. The yield on good land frequently runs from 1½ to 3 tons per acre. Meadow Fescue or Kentucky Blue Grass, Red Top or Herds Grass and Ladino Clover all mature at the same time as Timothy, and are good grasses to sow with it for hay and pasture. A good mixture is 6 pounds Timothy, 5 pounds Red Top, 7 pounds Meadow Fescue and 4 pounds Ladino Clover. Sow this mixture at the rate of 20 pounds per acre. Per lb. 25c; 10 lbs. \$2.25, postpaid. Write for quantity prices.

**ORCHARD GRASS.** The greatest pasture and hay grass. A very vigorous grower and yields large crops of excellent and nutritious hay, as well as having special value as a pasture grass, furnishing good grazing from early spring till winter. It adapts itself to a variety of soils, provided they are well drained, but succeeds best on loamy uplands or moderately stiff soils, although it does quite well on soils that are inclined to be sandy. A mixture of 15 pounds of Orchard Grass, 12 pounds of Tall Meadow Oat Grass and 8 pounds of Red or Alsike Clover has proved very satisfactory, is recommended for hay and pasture. When sown alone, plant 30 to 35 pounds per acre. In a mixture as above, sow 20 pounds per acre. Lb. 45c; 10 lbs. \$4.00, postpaid. Write for quantity prices.

**ENGLISH RYE GRASS** (Perennial). A quick grower and excellent for pasture or hay. Unlike Oregon Rye Grass, English Rye is a perennial which persists for years. It is a heavy

yielder and of excellent quality as hay. English Rye Grass should be used in every pasture or meadow mixture. Postpaid, small lot price, lb. 35c; 10 lbs. \$3.00. Write for quantity price.

**SUPERIOR REED CANARY GRASS.** This grass is a selection made at Oregon Experiment Station from the common low-land type of Reed Canary Grass. It yields heavy forage crops on higher, better drained soils that get quite dry during summer months. It is perennial, is winter hardy. Starts early in the spring, has excellent seed producing habits. High palatability and nutritive values and matures uniformly for hay and seed. Postpaid, small lot price, \$1.00 per pound. Write for quantity price.

**MONARCH MEADOW MIXTURE.** This is a combination of grasses and clover, ideal for permanent pasture or for hay. Combined the following grasses and clover in perfect proportions: Eng. Rye Grass, Kentucky Blue Grass, Tall Fescue, Tall Oat Grass, Timothy, Alsike, Red and White Sweet Clover, and Orchard Grass. We have sold this blend for years and receive many compliments on the mixture. Plant Monarch Meadow Mixture for a really fine pasture. Lb. 35c; 10 lbs. \$3.25; \$24.00 per cwt., f.o.b. Medford. Small lot prices postpaid.

**SUDAN GRASS.** A wonderful quick-growing Summer Hay Grass. An annual with short fibrous roots that are killed by frost. Because of this characteristic, Sudan Grass will never become a pest as will Johnson Grass. Its greatest value is for hay, which is well liked by stock—the entire plant, leaves, stems and heads, is eaten. Sow 5 to 6 pounds to the acre in 2-foot rows; 20 to 25 pounds broadcast. By mail postpaid, lb. 20c; 5 lbs. 85c. Write for quantity prices.

## ALFALFA and CLOVER SEEDS

### LADINO CLOVER

#### A Favorite Among the Clovers



LADINO CLOVER

**LADINO CLOVER** will pasture more cattle and hogs than any other clover with the possible exception of Strawberry Clover which is fast coming into importance as a clover pasture crop. Ladino is perennial, heavy producing and very palatable. It grows 12 to 18 inches tall. Ladino increases milk flow, improves soil, will thrive on shallow moist soils and is the first clover to awaken in the spring and the last plant to quit in the fall. Prepare a fine seed bed and sow the seed at the rate of 6 pounds per acre. Cover lightly with a brush harrow. If you use a sloping tooth harrow, set the teeth back to the limit to void covering too deeply. To prevent bloat include grasses such as Rye Grass, Orchard Grass or Fescue. Prices: Blue Tag, \$1.25 per lb.; Red Tag, \$1.00 per lb.; Pasture Grade (contains Alsike Clover), 80c per lb. Prices postpaid. Write for quantity prices.

**WHITE BLOSSOM SWEET CLOVER.** Sweet clover is one of the most important soil improving crops. Withstands adverse conditions of soil and weather better than alfalfa and red clover. Does not winterkill. Produces more on this land than alfalfa and red clover and is equal to alfalfa and red clover in nutritive value. Sow it on lands too poor, too worn out, too sandy for other crops and bring the land into condition to produce profitable crops. Make the seedbed fine and compact and cover the seed lightly. Inoculate with Nitragin, listed below. Plant 20 pounds to the acre from February to March. We offer only scarified, hulled, fancy seed, free of dodder, of high purity and germination. Prices postpaid: Lb. 30c; 10 lbs. \$2.50. Write for quantity prices.

**CRIMSON CLOVER.** Very productive and greedily eaten by cattle. An annual clover. Remains green longer than Red Clover and is excellent for bee food. Largely used for green manuring. Sown in August it may be plowed under the following June. Sow 15 lbs. per acre. Per lb. 35c; 10 lbs. \$3.00, postpaid. Write for quantity prices.

### CLOVERS

**RED CLOVER.** The standard clover for all purposes. Makes an excellent hay when mixed with timothy. Succeeds well on most any soil. Inoculate seed before planting and you'll be sure to get a stand. Lb. 35c; 10 lbs. \$3.00, postpaid. Write for quantity prices.

**ALSIKE CLOVER.** This is a perennial adapted for hay or pasture. A valuable crop for bee pasture. Does well either on poor dry soils or in wet rich soil. Being finer, brighter and not so dusty. Alsike hay is preferred to Red Clover. Inoculate all clovers and be sure to get a stand. Lb. 35c; 10 lbs. \$3.00, postpaid. Write for quantity prices.

**ALSIKE-TIMOTHY MIXTURE.** Many farmers plant this mixture because of its economy. We offer a blend which will run about 80% Alsike Clover and 20% Timothy for considerably less than the regular price on straight Alsike. If interested please write for prices and sample.



# ALFALFA AND CLOVER SEEDS (Continued)

**LOTUS CORNICULATUS** is a stranger to most farmers. Because it is a stranger to you does not mean that it is not deserving of your very serious consideration. This legume plant is called by some, "The Jungle Plant" because of its profuse growth. Lotus is a long-lived perennial which starts growing early in the spring and produces throughout the season until late fall. In our valley it yields heavy hay crops and will equal alfalfa in nutrition and yield. It will grow in more acid soil than alfalfa and thrives in fields with poor drainage, where alfalfa will not grow. In addition, close pasturing kills alfalfa, whereas Lotus thrives under this treatment.

**LOTUS** is relished by all classes of livestock. It grows on wet land, on irrigated land, or on land too dry for alfalfa. However, it is not a dry land or desert plant. It grows exceedingly well in black gumbo or sticky soil. It outyields Ladino on many farms and does not frost down as early in the fall. Lotus will grow with much less moisture than any other irrigated pasture plant and on the other hand it will grow in swales with the cat tails and tules.

Be sure to give Lotus a trial—you'll be a Lotus booster once you become acquainted with its fine habits and its possibilities as a hay or pasture legume of high yield.

**CULTURE.** We recommend five pounds of seed per acre, sown in the early fall or early spring. Plant as you would clover in your section. Be sure to inoculate seed before planting. When used for hay we suggest planting it with Timothy, Tall Fescue, Orchard Grass or Perennial Rye Grass to help hold up the Lotus and prevent bloating. A few pounds of Lotus scattered on your old meadow should establish a stand after the second season. Can be planted with a grain nurse crop. Do not plant too deeply. Lotus will never become a pest for it is easy to eradicate.

Chemical analysis of Lotus Hay shows it to be on a par with the very best alfalfa.

	Lotus	Alfalfa
Protein .....	14.24%	14.70%
Fat .....	2.90%	2.00%
Fiber .....	29.60%	29.00%
Calcium .....	1.10%	1.43%
Phosphorus .....	.28%	.25%

Prices: \$1.65 per lb. in 1 to 10 lb. lots; 10 to 25 lbs. lots, \$1.40 per lb., postage paid. Write for quantity prices and further data.

**STRAWBERRY CLOVER.** This clover is a perennial, low-growing, pasture legume, spreading vegetatively by creeping stems that root at the nodes. The leaves, stems, and habit of growth are somewhat similar to White Clover, making it generally difficult to distinguish, when not in bloom, from certain types of White Clover. The tolerance of Strawberry Clover to seeped, saline and alkaline soils containing concentrations of salts that inhibit the growth of most other crop plants is of particular importance. The growth of this clover is not limited to salty conditions, as it will thrive on low, wet, non-saline soils as well. Although it will live on relatively dry conditions and will survive short periods of drought the clover will not make sufficient growth to warrant its use on dry lands. Seed early in the spring on a firm, moist seed bed. Sow 4 to 5 lbs. seed per acre and cover lightly. Once a stand of Strawberry Clover is established it will stand unlimited pasturing without damage, differing greatly in this respect from ordinary clovers in that they will thin out under heavy grazing while Strawberry Clover will thicken up and hold fast to the ground. Prices: Fancy seed, 75c per lb.; 10 lbs. \$6.50, postpaid. Write for quantity prices.

**BURR CLOVER.** Fine for dry hill lands. Makes good spring pasture and cattle like it. Will thrive on poor, dry soils where other clovers cannot exist. Fancy Seed, 40c per lb.; 10 lbs. \$3.50, postpaid. Write for quantity prices.

## ALFALFA SEED

**LADAK ALFALFA.** This comparatively new variety gives promise of becoming popular and rightly so for it has developed that Ladak is ideally adapted to dry soils which cannot successfully grow the more common varieties. Ladak Alfalfa will produce one heavy crop on dry soils, after which, in case the moisture is not sufficient to continue its growth, it will survive through the season to come again after winter rains have



Prof. G. R. Hyslop, Chief of Farm Crops Department, Oregon State College. C. C. Hoover, Lotus grower. County Agent R. G. Fowler and Prof. H. A. Schoth, Forage Crops Investigator, U. S. D. A. inspecting field of Lotus.



Mr. Eugene Thorndike, Manager Medford Branch First National Bank in seed-field of Lotus. Note dense growth of crop.

revived it. Other varieties of alfalfa will almost completely die out but not so with Ladak. It may appear completely dead, but will come again, when fall rains bring moisture. Ladak is likewise strongly resistant to freezing. In many tests Ladak has proved superior to all others for the cold and dry conditions found in the northern Great Plains areas and it has also given good results under irrigation in the Northwest. If you desire further information on Ladak alfalfa write us for descriptive bulletin. Lb. 75c, postpaid. Write for quantity prices.

**GRIMM ALFALFA.** The hardiest of all alfalfa and will stand the severest winters of our mountain sections. It has a branching root growth that gives the plant a firm hold on the soil and prevents heaving by frequent freezing and thaws, and also adapts it to shallower soils. If your soil has a hardpan near the surface, or if your farm is in the mountain section, it will pay you to give Grimm the preference. Being short rooted, Grimm will thrive on soils where the water table is close to the surface. Grimm is very leafy and fine stemmed and is preferred by most hay buyers. Sow Grimm 8 pounds per acre after frost danger is over. Fertilize with Soil Sulphur or Superphosphate for bumper crops the first season. We handle only State Sealed and Certified Grimm seed. Lb. 60c; 10 lbs. \$5.00, postpaid. Write for quantity prices.

**COMMON or CHILEAN ALFALFA.** This is the popular long-rooted variety so universally grown. Best adapted to deep soils. We handle only the hardiest types of Chilean, selecting our seed from growing districts which produce seed of true type. Our mountain grown seed will produce stands of longer duration and prove more profitable to plant. Lb. 50c; 10 lbs. \$4.50, postpaid. Write for quantity prices.



# SEED GRAINS . . . . . Write for Quantity Prices

## OATS

**WINTER GRAY OATS.** Best suited for fall planting. Heaviest yielding oat for hay but matures later than Kanotas. Very leafy with slender stalks. We do not recommend Gray Oats be planted with alfalfa as they are not substantially developed when the first cutting is taken off. Write for prices.

**KANOTA.** Still the favorite Red Oat because of its yield and quality of straw and grain. Write for prices.

**BLACK SWEDISH.** Very heavy yielding. Suited best for spring planting but will survive mild winters. Bears large kernels, produces abundance of hay, stems are coarse, but tender and sweet. Heaviest yielding oat for hay but should be chopped to save waste. Write for prices.

## BARLEY

**HAANCHEN.** Best adapted for spring planting. Used as brewing grain. Good yielder on heavy soil. Write for prices.

**BEARDED WINTER.** Best for fall planting. Will withstand freezing weather. Write for prices.

**BEARDLESS.** Preferred by many for planting with thin alfalfa stands to increase hay production. Produces soft straw and awn less heads. Write for prices.



BARLEY

## WHEAT

**REX M-1.** Heavy yielding, winter hardy, smut resistant, dry-land wheat. Rex has been successfully grown in our valley by Ben Day, local seed grower for the past two years. Outyields other varieties on dry ground. Write for prices.

**BAART No. 38.** This variety was developed by the University of California at Davis. It is a rust resistant variety of good yielding qualities. Soft, white kernels, bearded heads. One of our customers told us he hadn't been able to raise wheat in his district because of rust, until Baart 38 was introduced. Now he's getting yearly heavy yields. Write for prices.

**WHITE FEDERATION No. 38.** Also introduced by the University of California. Highly resistant to stem rust and bunt smut. This new variety promises to gain in popularity because of its high-yielding propensities and many other favorable characteristics, but particularly because of its strong resistance to rust. Write for prices.

**BLUESTEM.** Preferred by many for hay purposes. Bluestem has a soft straw, therefore makes a better hay, not so stiff. Lodges badly on heavy ground. Does best on higher, poorer soils. Very leafy and beardless. Write for prices.



Women's Sizes  
Small, Med., Large

*National*  
**Eezy Wear**  
*Garden Gloves*

Give you everything you  
want—

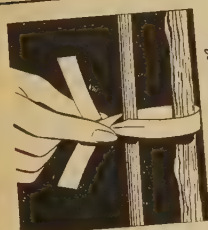
All-Leather  
SOFT AS KID  
Durable

DIRT-PROOF  
Easy to Wear  
WASHABLE



Men's Sizes  
Small, Med., Large

Economical, too—outwear 6 pairs of fabric gloves and can be used the year 'round for GARDENING, GARAGE, HOUSEWORK, FURNACE, YARD, PAINTING, ETC. They are a real value at 75c a pair, postpaid.

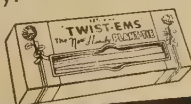


**Germāco**  
**TWIST-EMS**  
Pat. Pend. T. M.  
Reg. U.S. Pat. Off.

... Help you  
support plants  
quickly, neatly,  
permanently!

Banish unsightly twine and raffia, needless work with shears. TWIST-EMS—strong, dark-green "invisible" tapes, protect stems, permanently support plants. Save time and money arranging flowers, tying bouquets. Millions used. Buy today.

BOX of 125 (8" LONG)  
or BOX of 250  
(4" LONG) . . . **25c**  
NEW! BOX of  
125 (16" LONG) **50c**



Add To Your  
Gardening Pleasure...  
**ORDER THESE**  
**GERMĀCO PRODUCTS**  
Now!



**The New Streamlined**  
**HARCO SPRAYER**

Brand-new, efficient, easy-to-use. Harco's conveniently-long extension rod quickly sends a penetrating spray where it is most needed for effective garden pest control.

Get yours today, only \$2.35.



**Germāco**  
**Hotkaps**

... for SURE CROPS  
3 WEEKS EARLIER

HOTKAPS, patented strong little hot-houses, completely protect plants from destructive frost, storms, insects. Increase yield 18% to 51%, ripen plants 3 weeks earlier. Easy to set. Millions used. Order today. 25 Hotkaps with Setter . . . 50c. 1000, \$11.00; 250 with Setter, Tamper, \$4.25; 100 with Setter, Tamper, \$2.85.

It's Compact! It's Bantamweight! It's Efficient! It's Low Priced!  
**The NEW HAYES-ETTE Self-Mix Garden**  
**Hose SPRAYER for Your Small Garden**



Operates easily. Sprays all modern materials free from soaps—up, down, sideways, continuously. Capacity 1½ gallons of mixed spray material.

Order your HAYES-ETTE today.

Only  
**\$2.95**



Just Press The Lever Lightly . . .

**HAYES JR. Self-Mix Garden Hose**  
**SPRAY GUN**

Takes the Work Out of Spraying

For average-size garden. Simply attaches to garden hose. Mixes insecticide automatically, properly—no waste. Adjustable nozzle sprays up, down, sideways. Sprays liquids and most wettable powders. Order now . . . . . \$5.95 each

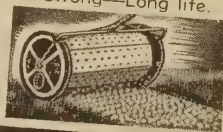


**5 Reasons WHY IT PAYS**  
**TO FERTILIZE YOUR LAWN**  
**THE NEW, QUICK E-Z WAY!**

1. "E-Z" TO USE—Fill container with any commercial plant food, guide E-Z Fertilizer Spreader & lawn is covered.
2. Scientific, uniform distribution.
3. Quick.
4. Economical.
5. Strong—Long life.

Excellent for sowing lawn seed. Order today. **\$1.25**

**Germāco FERTILIZER**  
**E-Z SPREADER**



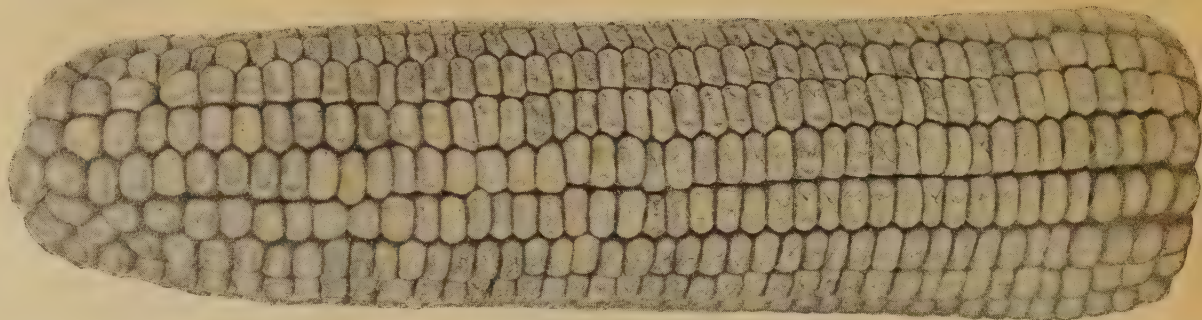


# HYBRID FIELD CORN . . . . .

THE AGRICULTURAL  
SENSATION OF  
OUR CENTURY

## HYBRID CORN

OUTYIELDS,  
RESISTS HEAT  
AND DROUGHT



As in the case of all things new, there has been a certain amount of skepticism regarding Hybrid Field Corn. Many farmers have held back in accepting Hybrid Corn. This skepticism has been gradually replaced with enthusiasm for this new member of the maize family by reason of its performance and higher yields as compared with old fashioned open-pollinated corn. Compare the yields resulting from the 1941 Oregon Extension Department growing tests, shown below, with yields you have been getting and you'll be a believer in Hybrid Field Corn. We venture the guess that 95% of all corn planted in Southern Oregon this past season was Hybrid Corn. Open-pollinated corn has been practically eliminated. By all means try one of our hybrids this year. They are proved.

**IDAHYBRID No. 416. A Proved Master Hybrid.** Idahybrid No. 416 is still our favorite. We introduced it four years ago after trials proved it adaptable to our section and No. 416 hasn't let us down. Proof of its high yielding ability is shown in the Oregon Extension Field Trials shown below. It is a top producer. You are not experimenting when you plant Idahybrid No. 416. Postpaid, per lb. 25c; 10 lbs. \$2.25. Write for quantity prices.

**IDAHYBRID No. 544.** Idahybrid No. 544 is a top-yielding corn which matures just a trifle earlier than No. 416. As far as yield is concerned, there is very little difference. Our customers' experience with No. 544 leads us to conclude that it is probably better adapted to lighter soils than 416, although it does well on all types. As is the case with most all hybrids, No. 544 is ideal for silage, producing heavier yields of ensilage than open-pollinated sorts. Postpaid, per lb. 25c; 10 lbs. \$2.25. Write for quantity prices.

**WISCONSIN No. 695.** Wisconsin No. 695 was the highest-yielding grain type hybrid field corn in the 1940 Extension Trials. It also performed well in the 1941 trials. Probably the earliest maturing variety yet tried in Southern Oregon. This variety also surpassed most other varieties in the trials for percentages of corn shelled out. If you want an early maturing hybrid plant Wisconsin No. 695. Postpaid, per lb. 25c; 10 lbs. \$2.25. Write for quantity prices.

**IDAHYBRID No. 680 SILAGE CORN.** If you are after maximum yields for silage plant No. 680. It outyields all others in green growth and actual ears of grain. Does not lodge and is easily cut with binder. Grows to uniform height, resists cold, drought and heat. Postpaid prices: Per lb. 25c; 10 lbs. \$2.25. Quantity price on request.

Gentlemen: Idahybrid No. 416 yielded 118 bu. per acre on my ranch for the 1941 season. This is slightly over the results shown in the Extension trials. I am well pleased with No. 416. I've grown it for two years.

DIXON SALSGAVER.

Route 4, Medford, Oregon.

Gentlemen: Idahybrid No. 544 certainly produced a fine crop for me. My yield was 101.4 bu. per acre. I am convinced that it will be a hard one to beat both from a yield standpoint and for quality.

FRANCIS RUSSELL.

Central Point, Oregon.

### JACKSON COUNTY EXTENSION TRIALS, 1941

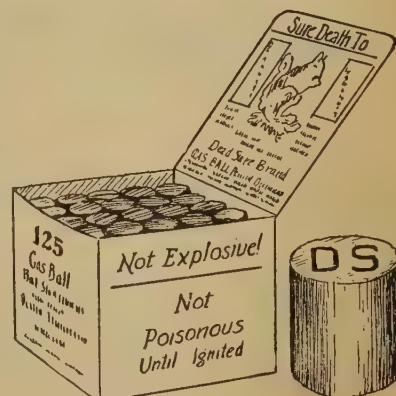
Grower	Variety	Bushels Per Acre	Moisture at Harvest	Percent Shelling
Salsgaver	Wis. 606 . . . . .	63.0	39.0	84.8
	Ida. 425 . . . . .	52.3	39.3	82.9
	IDAHYBRID 416 . . .	104.9	36.7	83.4
Russell	Wis. 525 . . . . .	73.2	41.8	83.2
	Iowa 939 . . . . .	81.5	36.6	81.8
	IDAHYBRID 544 . . .	101.4	35.8	81.5
Wolff	Yellow Dent . . . . .	41.1	19.4	83.0

### WHY PLANT HYBRID CORN?

- Stiff stalks—large roots—hold it straight in wind or hail—thus easier picking by hand or machine.
- A vigorous grower under good or poor soil and weather conditions.
- It yields 20 to 30 bushels MORE per acre.
- Stalks stay green after corn is ripe.
- You can grow more and better corn on fewer acres.

### "Dead Sure" Gas Ball RODENT DESTROYERS

This is a gas ball which, when lighted and placed in the proper position down in the runway, pours forth a deadly, poisonous gas that carries death to any living thing in the burrow. Although it means absolute destruction to the rodents it is perfectly safe for the user to handle without injury. Keep indefinitely. Instructions for use with each order. **Dozen 70c**, postpaid. Write for quantity prices.



### DIAMOND QUALITY CRUDE NAPHTHALENE FLAKES



◆ Protect your garden against such soil pests as gophers, slugs, maggots, wire worms, snails, moles and other pests with . . . Diamond Quality Naphthalene Flakes

#### Use for Storing Glads

DIRECTIONS ON PACKAGE

Packed 1½ lb., 4 lb. packages, and 50 lb. sacks.

Work it into the soil before planting.



# MISCELLANEOUS SUPPLIES

## HUDSON GARDEN TOOLS

HUDSON TOOLS ARE OF THE BEST QUALITY.  
GOOD TOOLS MAKE FOR BETTER GARDENS.

### HUDSON No. 228 CULTIVATOR



No. 228 Cultivator

A sturdy single wheel tool designed so that the wheel may be placed in the center for cultivating the area between two adjoining rows, or offset so that it may be used to cultivate both sides of a single row. The adjustability in position makes this a splendid tool for all cultivating purposes from the time the plants have broken through the soil until the crop is harvested. Shipping weight 21 lbs. Complete, \$9.00, f.o.b. Medford.

### HUDSON No. 447 CULTIVATOR



No. 447 High Wheel Cultivator

This high-wheel cultivator is sturdily built and equipped with tools designed to do the maximum of work with the minimum of labor. Priced moderately. Shipping weight 20 lbs. Complete as illustrated, \$5.50, f.o.b. Medford.

### COMBINATION FERTILIZER and SEED SOWER

This Dual Purpose Machine is designed with extra heavy gears and brass bushed bearings for hard service and long wear.



#### SPECIAL VALUE TO FARMERS—

It is of special value to farmers who wish to apply their fertilizer or seed early in the spring when the soil is still wet from early thaws. It can be used anywhere that a man can walk, since it is carried by means of a strap over the shoulder of the operator. It is especially useful on steep,

rough, irregular grass lands. Then, too, the proper time for such fertilization comes so early that the soil is usually too wet for the use of a team or tractor.

#### SOWS ANY KIND OF SEED AS WELL AS FERTILIZER—

The Combination Sower also broadcasts all kinds of seed, such as clover, timothy, millet, sudan grass, alfalfa, wheat, etc., perfectly in desired amount per acre.

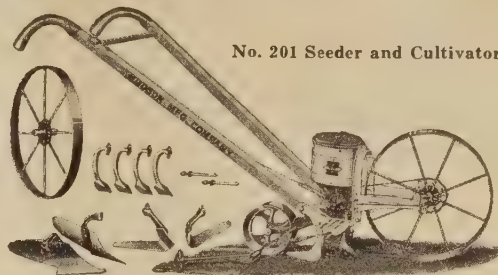
Packed 1 in a shipping carton. Price \$4.00. Shipping weight each 7 lbs. \$4.25, postage paid.

"CYCLONE" SEEDER is the most widely known and used seeder of all broadcast seeders. The working parts are all attached to a rigid frame of kiln-dried lumber. Built into this is a sloping feed-board that forms the bottom of the seed compartment. It is unnecessary to tilt the machine as gravity keeps the seed flowing down to the outlet until seed bag is empty. Shipping weight 5 pounds.

Price, \$2.75; (postage paid, \$3.00)



### HUDSON No. 201 SEEDER AND CULTIVATOR



No. 201 Seeder and Cultivator

The No. 201 Seeder and Cultivator is a combination outfit comprising six tools in one. May be used as a hill seeder; drill seeder; a double wheel cultivator, plow or hoe; or a single wheel cultivator, plow or hoe. It is readily converted from one use to another. As a seeder, this machine opens the furrow, drops the seed, closes the furrow, packs the earth and marks the next row—all in one operation. The seed regulator is made entirely of brass, with openings die cut to insure a uniform drop. Made of the best materials and guaranteed to please. Shipping weight 56 lbs. Complete, \$23.75, f.o.b. Medford.

### New Improved SEMESAN BEL for Seed Potatoes

This easy potato dip disinfectant lowers the cost and improves yields. Just dipping seed potatoes in SEMESAN BEL solution eliminates such diseases as scab, rhizoctona and black leaf. Improves germination and produces bigger crops. One pound treats 70 to 80 bushels of seed.

Prices: 2-oz. envelope, 30c; 1 lb. \$1.65  
5 lbs. \$1.75; 25 lbs. \$33.25, not prepaid.  
Pamphlet free.



### New Improved SEMESAN JR.—for Seed Corn



A simple, quick, inexpensive dust treatment with SEMESAN JR. destroys harmful disease organisms on the seed, protects seed from rotting in cold, wet soil, controls seedling blight, reduces root and stalk rots, and generally increases crop yields. Harmless to seed corn. Does not slow up rate of drop. Only 2 ounces necessary per bushel of seed field or sweet corn. Costs only 2½ cents an acre.

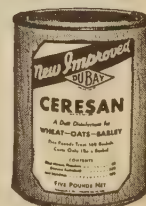
Prices: 1½ oz. pkg. 15c; 1-lb. can, 75c; 5-lb. can, \$3.00. Cannot be mailed.

### New Improved CERESAN—for Seed Grains

New Improved CERESAN is unusually effective for controlling bunt or stinking smut of wheat, loose and covered smuts of oats, covered smut and stripe of barley, and seedling blight caused by seed-borne scab. It costs but 1½ to 2½ cents a bushel of seed, as only ½ ounce of dust is used. Is easily and quickly applied—requires only twenty revolutions in a rotary treater or three turnings with the shovel. It is non-injurious to the drill. Frequently improves the stand of grain and increases yields. Reduces losses from smut and dockage. Cannot be mailed.

Prices: 1-lb. tin, 80c; 5-lb. tin, \$3.50.

Caution—Treat 24 Hours Before Using.



### SEMESAN—for Flower and Vegetable Seeds

Diseases carried on the seed often reduce germination and cause a poor stand, lowered quality, and unsatisfactory yields. Destroy these disease organisms without injuring the seed by treating your seed, bulbs, roots, corms and tubers with SEMESAN. Easily and quickly applied as a dust or liquid. Effective in controlling damping-off of seedlings. Costs ¼ to 1 cent a pound as one ounce treats 15 to 30 pounds of seed. Not mailable.

Prices: 2-oz. tin, 40c; 1-lb. tin, \$2.50; 5-lb. tin, \$11.40; 25-lb. pail, \$52.50.

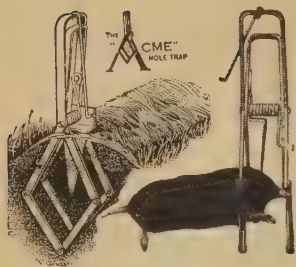




# MISCELLANEOUS SUPPLIES

## THE ACME MOLE TRAP

### Most Efficient Mole Trap on the Market

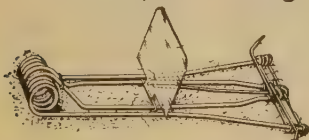


Moles, the bane of every gardener, fall prey to this trip. We have tried out all types of traps with little success, but after giving the ACME Trap a real try-out this past season we are convinced that we have finally found the trap every gardener is looking for. Ten moles in one run in two days. That's what we did with the ACME. Read what others have to say about the ACME.

The ACME is safe, sure, small, easily set and rust-proof. Rid your garden and lawn of moles with an ACME. **Price, postpaid, \$2.15.**

## MACABEE GOPHER TRAP

There are more Macabee traps sold than all other makes combined. They are inexpensive and very efficient. Designed for exterminating the wily Pocket Gopher. Weight 1/2 pound.

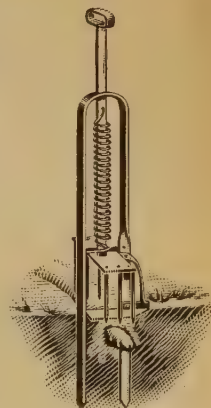


**Price, each, 30c, postpaid.**

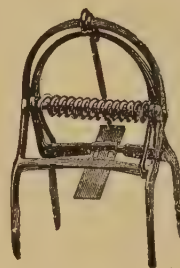
## VICTORY MOLE TRAP

The most popular Mole Trap on the market. Made in tinned steel. Japanned steel coil spring. Six steel prongs 5 inches long. Simple, safe and strong. Pulling up the plunger rod of this trip the trigger catches itself, making it a self-setting trap. The Reddick works perfectly in loose soil, but in case of packed or hard soil we do not recommend it. The OUT-O-SIGHT trip is the best trap for use in soil that is pebbly, rocky, or packed. Weight 4 pounds.

**Each, \$1.60, postpaid.**



## OUT-O-SIGHT MOLE TRAP



Absolutely reliable. Directions for setting and full directions of the mole's habits furnished with each trap. Heavy powerful springs, malleable iron jaws. Teeth designed so as not to injure the hide. Height 8 1/2 inches. Spread of jaws 2 3/4 ins. Weight each, 1 1/2 lbs.

**Price, \$1.60, postpaid.**

We have  
the GENUINE

EXTRA HEAVY  
**FLEX-O-GLASS**



This Name Guarantees  
You 2 full years of  
Satisfactory Service

SHATTER-PROOF WATER-PROOF  
Lets In Sun's Healthful Ultra-Violet Rays  
Holds In Heat — Keeps Out Cold  
Better Than Glass At 1/10 The Cost  
Highly Approved By Leading Authorities.

A \$2.50 roll makes  
a 100-hen scratch  
shed. Get more eggs  
from same feed  
A \$3.00 roll turns  
8 x 10 foot porch  
into a sunny room.

NOW ONLY  
**30¢** Sq.Yd.

POULTRY HOUSE  
WINDOWS

PORCH  
ENCLOSURES

STORM DOORS  
AND WINDOWS

HOG HOUSE AND  
BARN WINDOWS

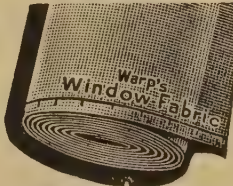
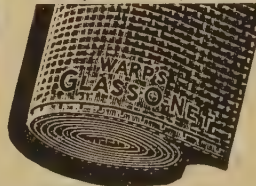
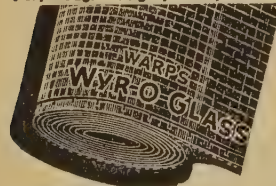
HOT-BEDS AND  
GREENHOUSES



**WYR-O-GLASS**  
Galvanized Wire Base  
Very Tough - Highly Transparent

**GLASS-O-NET**  
Re-enforced Mesh Base  
Waterproof - Transparent

**WINDOW-FABRIC**  
Plain Waxed Cloth  
Lasts One Season



SQUARE  
YARD  
(36" WIDE)

**80¢**

SQUARE  
YARD  
(36" WIDE)

**60¢**

SQUARE  
YARD  
(36" WIDE)

**25¢**

ADD 5c PER SQUARE YARD TO COVER POSTAGE AND PACKING.



**POKE ROOT COMPOUND.**  
Valuable for the treatment  
of garget.

1 1/8-lb. can, 75c; postpaid.

**KOW-KARE** makes poor  
cows better and makes more  
money for cow owners. Pre-  
vents abortion, retained af-  
ter-birth and cures barren-  
ness.

1 1/4-lb. can, 75c; postpaid.

2 3/4-lb. can, postpaid, \$1.40.

**BAG BALM.** A soothing,  
penetrating ointment for  
bunches, caked bag, cuts,  
sore teats, chapping and in-  
flammation of the udder.  
Gives quick relief and cures.

Per can, 70c, postpaid.



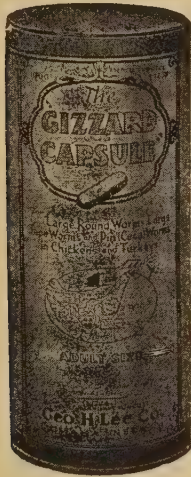


## GERMOZONE

It pays to guard against the crop, digestive and bowel disorders that are so common in poultry. Put Germozone in the drinking water and avoid these troubles. Feed three times a week, two teaspoonfuls to the quart of water. Germozone is germicidal against germs with which it comes in contact, first in the water and then in the crop. Give your poultry the benefits of Germozone.

4-oz. bottle \$ .45 ppd.  
12-oz. bottle .85 ppd.  
32-oz. bottle 1.65 ppd.

## LEE'S GIZZARD CAPSULE



Most wormy birds have two or three kinds of worms. If they have Large Tapes and Pins they should not be wormed for only Rounds. The Gizzard Capsule is for all three kinds, Large Round, Large Tape and Pin Worms.

It is much easier, and costs less, to give each bird a Gizzard Capsule than it would be to give one kind of powders or medicine for Large Round Worms and something else for Large Tape Worms.

Because the Gizzard Capsule coating is insoluble it won't dissolve or melt in crop or stomach. The proper dose, full strength, fresh, undiluted and unweakened, is delivered right into the gizzard without any previous absorption of any of it by the bird to sicken it. There the capsule is crushed like a grain of corn and the medicine passes directly into the intestine and to the worms.

Nothing else can give you these advantages of the Gizzard Capsule. Worm your poultry with it—chickens and turkeys. Prices postpaid:

	50-cap. pkg.	100-cap. pkg.
Adult .....	\$ .80	\$1.35
Pullet .....	.55	1.10
Chick .....	.45	.80

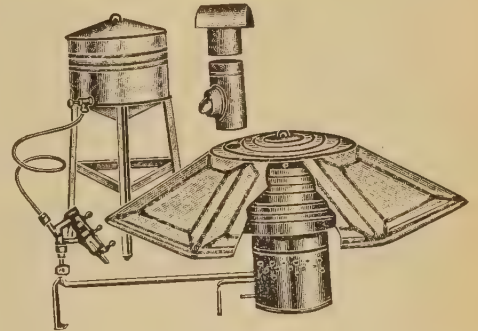
# Poultry Equipment

F. O. B. Medford Unless Otherwise Noted.

Our stock of Poultry Equipment is the most complete one in Southern Oregon. Feeders, Fountains and Miscellaneous Supplies will be found priced right and of the highest quality. We carry and feature only the most practical designs in all supplies.

## HUDSON MASTER OIL BURNING BROODER No. 256

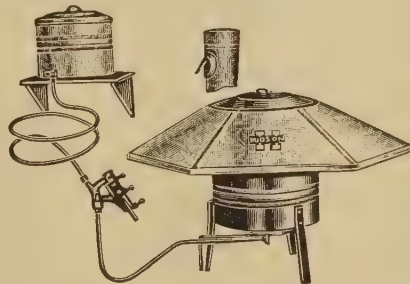
Here is the last word in brooding efficiency. The Hudson Silent Burner furnishes tremendous heating power with unbelievable fuel economy at either highest or lowest flame. Will provide more heat than required by Arctic weather, yet will throttle to a steady pilot flame in milder spring weather. Burns either kerosene or cheap distillate with equal efficiency. Automatic control, special heat collector, Micro-Tem Valve. Capacity 1,000 day-old chicks. 54-inch hover. Packed weight 75 lbs. Completely equipped as shown except for fuel tank stand. \$29.10 f.o.b. Medford.



No. 256 Brooder

## HUDSON OIL BROODER No. 52

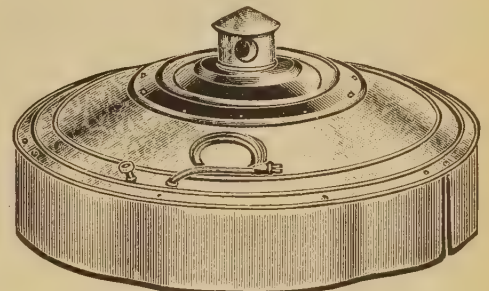
High efficiency at low cost! This Hudson brooder offers advantages of safe and economical oil-burning brooding at the price of unreliable coal, wick or blue flame brooders. Abundant, uniform heat—care-free control—fume-free air in any weather. Intended for use in house not larger than 10x10 in colder climates. Capacity 200 to 400 day-old chicks. Hover 42 in. Weight 36 pounds. Complete as illustrated. \$17.85 f.o.b. Medford.



No. 52 Brooder

## HUDSON ELECTRIC BROODER No. 34E

Here is an economical Electric Brooder designed to take care of 150 day-old chicks. Heavily constructed with patented heating element. Operating cost low. Galvanized steel canopy 34 in. diameter. Heavy duck curtain. Automatically controlled. Weight 16 pounds packed. \$14.25 f.o.b. Medford.



No. 34E Electric Brooder

## THERMOSTAT WAFERS



For Incubators and Brooders

Renew thermostat wafers yearly to insure good hatches and reliable control of brooder heat.

No. 16—For oil brooders and incubators. Male thread, 3 in. diameter. Each, postpaid, 60c.

No. 4—For coal brooders. 3-inch diameter. Each, postpaid, 45c.

No. 8 — For incubators and brooders. Female thread, 3-inch diameter. Each, postpaid, 60c.

INCUBATOR THERMOMETERS — Tested and tried.

Standard. Each...\$0.85  
Certified. Each... 1.40

CELLULOID SPIRAL LEG BANDS. Universally used band markers, come in 8 colors and in different sizes to fit all breeds.

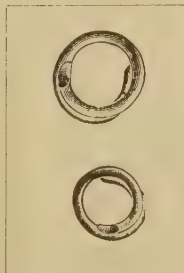
Leghorns, doz. 10c; 50, 30c; 100, 50c.

R. I. Reds, doz. 15c; 50, 40c; 100, 60c.

Plymouths, doz. 15c; 50, 40c; 100, 60c.

Turkey, doz. 20c; 50, 60c; 100, \$1.00.

State color wanted.

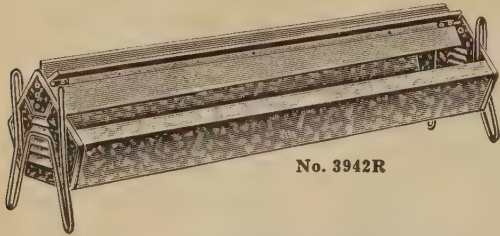




# Poultry Equipment

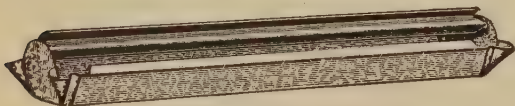
F. O. B. Medford Unless Otherwise Noted.

## CHICK FEEDER TROUGHS



No. 3942R

**CAT. No. 3942R—OAKES BROILER TROUGH** with 4-blade revolving reel. Adjustable wire stand keeps litter out of trough. Adjust as chicks grow. Trough is 6 3/4 in. wide, 3 in. deep. Made of 26-gauge galvanized steel. A heavy serviceable trough for growing chicks or broilers. 1 in carton, 42 inches long. Shipping weight 19 lbs. Price each \$1.75.

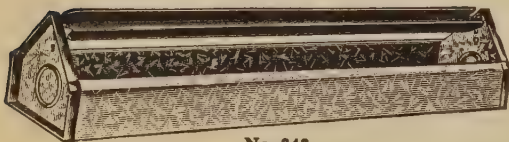


No. 101

Seamless die-stamped one piece trough with all metal revolving reel. Can be used for feed or water. Edges along trough edge are folded and turn in to prevent feed waste. Reel revolves to prevent roosting. Just the trough to start your chicks right.

No. 101—Length 10 in., wt. 1 lb. Each.....\$ .18  
No. 105—Length 15 in., wt. 2 lbs. Each..... .25

## REEL TOP CHICK FEEDER



No. 343

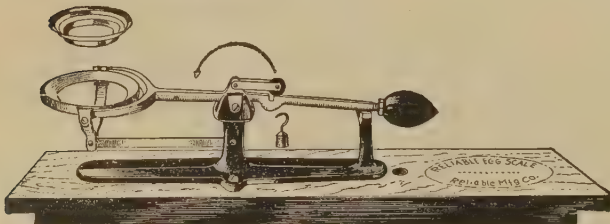
Three lengths, all 4 inches wide, 2 inches deep. Die-stamped ends are inset for strength. Trough of 26-gauge galvanized steel. Reel is adjustable to 3 positions for chicks of any age from day-old to pullet size. Reel revolves to prevent roosting. Turned in flange to prevent feed waste.

No. 343—Length 36 in., shipping wt. 3 lbs. Each. \$ .83  
No. 344—Length 48 in., shipping wt. 4 lbs. Each. 1.10



Float Valve No. 168

**FLOAT VALVE No. 168.** Automatically regulates flow of water into a drinking pan or trough. Made of brass. Float and arm may be raised while pan is removed for cleaning. May be used with any type crock, pan or trough. Weight 1 pound. Each \$1.35.



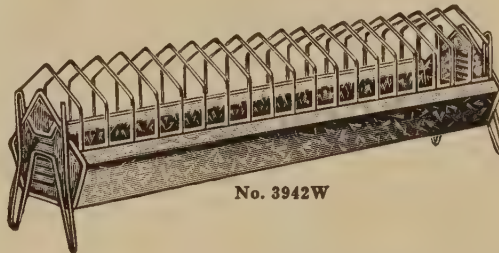
## THE RELIABLE EGG SCALE

Built for speed and accuracy. The best built scale on the market. Used and endorsed by the largest poultry dealers and egg packers in the country. Dependable in every sense of the word. Positively accurate. \$3.15 postpaid.

## GRO-FAST FEEDERS

**No. 233N—**Revolving 4-blade metal reel prevents roosting. Adjustable for chicks of various ages. Wire stands permit adjusting trough height as chicks increase in size. Keeps litter out of feed. Trough made of 26-gauge galvanized steel. Flange along edge prevents feed waste. Trough is 5 in. wide, 2 1/2 in. deep. Wedge shaped. Made in two lengths.

No. 233N—Lgth. 36 in., ship. wt. 5 lbs. Each...\$1.30  
No. 736N—Lgth. 36 in., ship. wt. 6 lbs. Each... 1.40

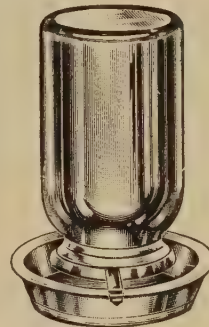
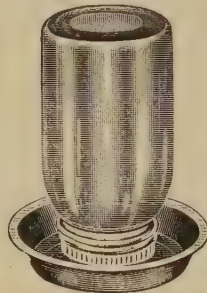


No. 3942W

**No. 3942W — OAKES BROILER TROUGH** with hinged wire grill. Keeps chicks from fighting at the trough. Grill lifts for easy filling and cleaning trough. Same dimensions as reel type shown at left. Can be used for small pullets. Made in 42-in. length only. One in carton, weight 10 lbs. Price each \$1.95

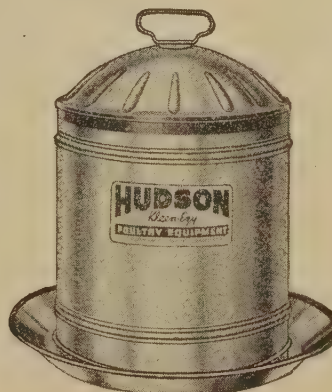
**SCREW CAP TYPE ENAMELED PAN,** for use on Mason jars. Jar screws in cap which is spotwelded to pan. Die-stamped pan with curled edge. Pan 6 in. diameter. Attractively finished in air-dry enamel. Jars not furnished.

No. 69B. Shipping wt. packed, lb. each. Price each 12c; \$1.35 doz.



**MASON JAR FOUNTS.** Glass Pan, Clip Type. Fine for buttermilk feeding or watering chicks. Clip attaches to any size Mason jar. Pan is heavy molded glass with smooth edge. Jar and clip quickly detached for filling.

Cat. No. 365G. Shipping weight, packed lb. each. Price each 15c; \$1.65 per doz.



K-8 Fount



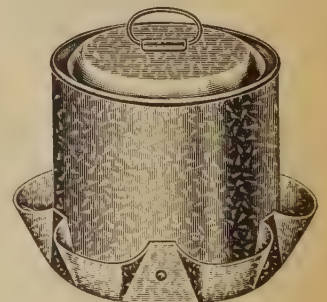
No. 20

**No. 20S—OAKES EGG SCALE** and **GRADER** show weight of each egg and weight per dozen on double dial. Accurate, dependable, fast. Adjustable to grade eggs of any weight. Working parts rust-proofed. Weighs from 18 to 30 oz. per doz. One in carton, weight 2 lbs. Each \$1.75.



**OAKES FOUNTAIN No. 203—**Excellent for chicks or grown fowls. Made of heavy gauge galvanized steel. Die stamped pan. Top has two-way swinging bail, permits fount to be carried when filled. Inverts to fill. Pan held in tank by three clips. Easy to clean and fill. Capacity 3 gals. Packed in carton weighing 5 lbs. Price each \$1.75.

No. 202—Capacity 2 gals. Shipping wt. 4 lbs. Price each \$1.45.



Single Wall

No. 100B

**No. 100B Tank** snaps on to pan which has 6 drinking cups each large enough for two chicks. Tank held in place by friction. Inverts to fill. Handle for carrying. Inexpensive but good. Made of heavy gauge galvanized steel. Capacity 1 gallon. Shipping wt., packed, 3 lbs. Price each 80c.

No. 100C—2 gal. Shipping wt., packed, 5 lbs. Each \$1.10.

## HUDSON DOUBLE WALL FOUNT No. K8

This fountain is a large capacity, inexpensive, yet substantial piece of merchandise. All-brass self-closing valve holds water in tank when jacket is removed for filling. Convenient inside handle for carrying full of water. Capacity 8 gallons. Weight 12 lbs. Each \$5.40.



# HUDSON SPRAYERS

A SPRAYER FOR EVERY PURPOSE  
PRICES F. O. B. MEDFORD, OREGON.

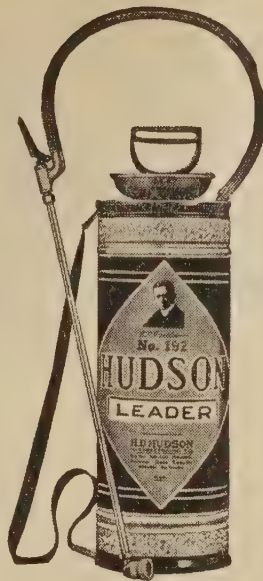
## HUDSON "PERFECTION" SPRAYER

Easy fill, open top makes for ease in filling and cleaning. Hudson engineers have perfected the open-mouth principle of compressed air sprayers to the point where "Perfection" is the last word in tank sprayers. When the pump and top assembly is locked in position on the "Perfection", it is there to stay. So is the pressure in the inside of the tank. Four points of contact insure a positive seal. Equipped with an ingenious eccentric type lock to provide quick, secure locking, or safe, easy release. Made either in galvanized or copper. Shipping weight 13 pounds. Four gal. capacity.



No. 210-B

210-B—Copper tank .....\$15.00  
210-G—Galvanized tank ..... 9.30



No. 192-G

## HUDSON "LEADER" SPRAYER

"Leader" is representative of the "most for your money". It is substantially built and will take care of maximum wants around the home garden. An outstanding value in a compressed air sprayer. While the quality of "Perfection" will not be found in "Leader" you'll get much valuable service from it. Capacity 3½ gals., shipping wt. 10 lbs. Price each, \$6.00.

## HUDSON "THRIFTY" SPRAYER

The "Thrifty" is intended for the small home owner or "Suburbanite" whose work does not justify the investment in one of the larger capacity outfits, or the labor in handling it. Handles all solutions very effectively. Its convenient size makes it suitable for all work around the home, the flower garden, the back-



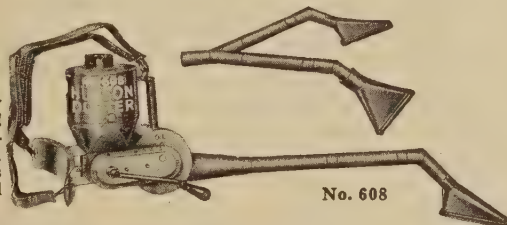
No. 120-G

yard truck garden and similar places. Capacity 2½ gals., shipping wt. 8 lbs. Price each, \$4.85.

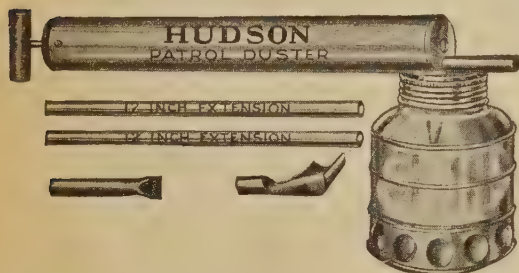
## HUDSON "ROTO-POWER" DUSTER No. 608

We are proud to present the new "Roto-Power" Miracle Duster! Built with new super-power—every atom is delivered in a fine, floating dust. The dust flows into the air stream and is whirled through the Roto-Power fan for finest break-up. Twin Agitators, no pressure back-up and no clogging, long wear, economy and comfort. Dust volume control in the "Roto-Power" duster gives you efficiency seldom attained in a large type duster. Discharge equipment, 2 nozzles, wye connection and four 15-inch telescoping tubes. Can be used with one or two nozzles for single or double rows. Shipping weight 15 pounds.

No. 608—"Roto-Power" Duster, largest size .....\$17.50  
No. 606—"Roto-Power" Duster, medium size ..... 15.00

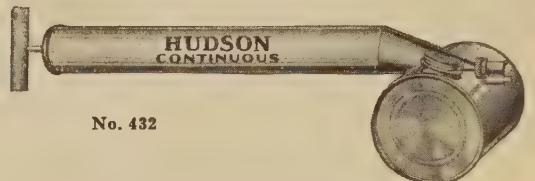
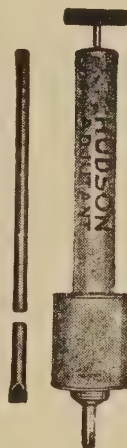


No. 608



HUDSON "PATROL" DUSTER No. 612. An effective duster for truck gardens and the flower garden. The two 12-inch extensions and two nozzles permit the operator to reach all parts of the plant. Positive force feed construction absolutely prevents clogging. Fitted with special cupped plunger leather. Powder reservoir—glass. Contents always visible. Easy to fill and clean. Capacity one quart, shipping wt. 4 pounds. Price each \$1.30.

The ADJUTANT DUSTER now has a very wide range of usefulness. Handles all powders and gives a very even distribution. Powder reservoir 3x4 in. Shipping weight 3 lbs. Price each, 75c.



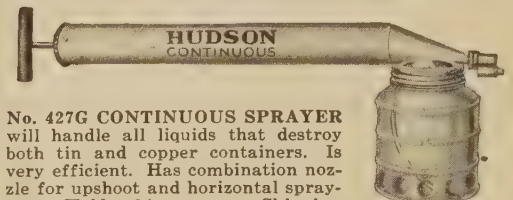
No. 432

HUDSON "CONTINUOUS" SPRAYER No. 432. An exceptionally sturdy unit. Pump passes directly through the top of the tank and is securely soldered, preventing any possibility of parts getting out of alignment. Produces a very finely divided, continuous spray without spitting or streaming. Fitted with double nozzles for particular garden work. Capacity 1 quart, shipping wt. 3 lbs. Price, each, \$1.05.



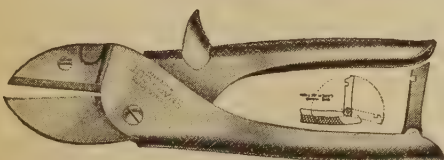
No. 403

No. 403 FOG SPRAYER handles all fly oils and insecticides and does not permit any liquid to drop on rug, chair, etc. The capacity is about 1 quart. Shipping weight 2 lbs. Price each 50c.



No. 427 G

No. 427G CONTINUOUS SPRAYER will handle all liquids that destroy both tin and copper containers. Is very efficient. Has combination nozzle for upshoot and horizontal spraying. Holds 24 ounces. Shipping weight 4 lbs. Each \$1.40.



"SNAP-CUT" out-cuts all other pruners. Orchardists, home and professional gardeners everywhere recognize the "SNAP-CUT" as the most efficient pruner on the market today. A new cutting principle makes for easier cutting. Small in size, light in weight. Its handles are wide, comfortable and non-pinching. Those who have tried "SNAP-CUT" will use no other pruner. Even a child can handle this easy cutting pruning shear. Price each, postpaid anywhere, \$2.15. FREE book, "Secrets of Success in Pruning", sent to you by the manufacturer.



# Sherwin-Williams Insecticides

Cover the Fruit for Protection



Come in or write for a FREE copy of "GARDEN SPRAY GUIDE." Tells how to identify the pests—what to use and when to spray.

Prices are F. O. B. Medford  
Unless otherwise noted.



## SPRAY FLOWERS AND ROSES OFTEN TO AVOID DISEASES



(Can be mailed)

### ROTO-DUST

(Can be mailed)

A non-poisonous insecticide containing rotonone or derris. Sure death to leaf eating and sucking insects that infest fruit and vegetables. An ideal material for the control of corn ear worm and cabbage aphids and worms. Apply to sweet corn just when the silk is forming and then follow with a second application two weeks later. This material cannot be mixed with water. We recommend the No. 612 Patrol Duster (see page 39) as the most efficient applicator of Roto-Dust to corn, cabbage and other garden truck. 1-lb. pkg. 55c; 4-lb. pkg. \$1.00, postpaid. Write for quantity prices. Five pounds required to dust one acre of cabbage or corn, one application.

### ROSE-AID (Stomach Poison and Contact Fungicide)

An especially prepared dust for roses. Will control Black Spot and Mildew on rose bushes. May be used also for Rust on asters, hollyhocks, and carnations; Mildew on phlox, larkspur, golden glow, dahlia, chrysanthemums, zinnia and sweet peas. Poison, cannot be mailed.

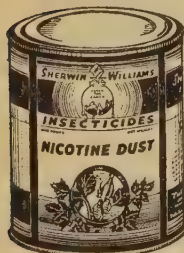
1 lb.....60c



### FUNGI-BORDO (A Fungicide)

A chemically combined Bordeaux mixture for control of fungus diseases on trees and shrubs. Use for Leaf Curl and Blight on Peaches, Scab on Apples and Pears, Mildew, Rust, Strawberry Leaf Spot, Celery Blight and as a repellent for Flea Beetles on Garden Plants. Poison, cannot be mailed.

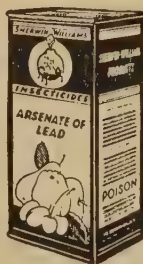
1 lb.....50c 4 lbs.....80c



### NICOTINE DUST

A safe dusting material containing nicotine for control of plant Lice and THRIPS. Especially formulated for use on delicate plants that may be susceptible to injury from other sprays. Poison, cannot be mailed.

1 lb.....60c 5 lbs.....\$2.25  
10 lbs.....\$4.00



### ARSENATE OF LEAD

A stomach poison spray for control of leaf eating insects such as Caterpillars, Beetles, Slugs and for the Apple and Pear Worm. May be applied either as a liquid spray or a dust. Cannot be mailed.

½ lb.....20c 1 lb.....35c  
4 lbs.....80c

### DRY LIME SULPHUR

(Contact Spray)

A Lime Sulfur spray in dry form to be mixed with water for control of San Jose Scale, Pear Leaf Blister Mite, Mildew, Moss, Apple and Pear Scab.

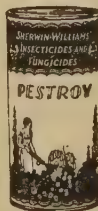
1 lb. 50c 5 lbs. \$2.00  
Postpaid



### PESTROY

Contains a stomach poison and contact fungicide. A combination spray for control of leaf eating insects and fungus diseases. Recommended for potatoes, beans and all garden crops as well as shrubbery. Poison, cannot be mailed.

1 lb.....50c



WRITE FOR QUANTITY PRICES



## OLD TRAPPER MOLE KILLER

Moles in the garden? Get rid of them quickly with Old Trapper. This bait gives positive results. Takes only a few minutes to bait the entire garden. One of the most effective exterminators on the market. Poison and cannot be mailed.

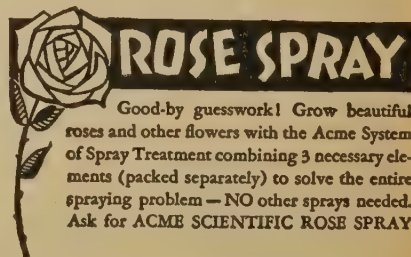
LARGE SIZE CAN, 50c.



## PIED PIPER RAT KRUNCHES

Non-Poisonous. Death to rats and mice. These tasty pellets kill rats and mice without the danger of poisoning other animals. Ready to use, just scatter around where rats and mice run. Enough to kill more than 30 rats and mice.

35c postpaid



Good-by guesswork! Grow beautiful roses and other flowers with the Acme System of Spray Treatment combining 3 necessary elements (packed separately) to solve the entire spraying problem—NO other sprays needed. Ask for ACME SCIENTIFIC ROSE SPRAY

Sizes	Spray Solution	Roses Protected For Season	Price
No. 6	24 Quarts	15 to 25 Bushes..	\$1.50
No. 24	96 Quarts	60 to 100 Bushes..	4.00



# KEEP YOUR GARDEN FREE from Pests and Diseases the Easy, Positive BARFOOT WAY



You'll like Barfoot Sprays because they're

1. Kind to your tenderest foliage.
2. Economical—1 teaspoon makes a gallon.
3. Easy to mix, have pleasant aroma.
4. 100% Effective!



- Use **BARFOOT ROTENONE SPRAY** to Kill and Prevent All Sucking, Many Chewing Insects ..... 1 oz. 35c; 4 oz. \$1.00
- Use **BARFOOT FUNGICIDE** to control most Fungi ..... 1 oz. 25c; 4 oz. 75c
- Combine **BARFOOT NEUTRAL SPREADER** with Both Barfoot Rotenone and Fungicide to Penetrate Everywhere. This "lubricant" enables your Barfoot Rotenone and Fungicide to penetrate close-fitting leaf sheaves, rolled-up buds . . . everywhere! ..... 1 oz. 15c; 4 oz. 35c

Blend 25 Gals. Barfoot Spray Quickly, Accurately with the New . . .

## BARFOOT SPRAY KIT

Here's What-All You Get—  
Barfoot Spray (4 oz.), Barfoot Fungicide (4 oz.), Barfoot Spreader (4 oz.), Handy Measuring Bottle, Spray Chart, Spray Record \$2.10  
Calendar—all for only...



For a healthy, pest-free garden, follow the lead of horticultural experts . . . Spray with BARFOOT.



Be Lucky! Insist on the  
4-Leaf Clover Bottle!



## HASTINGS

# SOIL-SOAKER

Made of canvas — scientifically treated to resist mildew. **SOIL-SOAKER** is open only at one end and screws to the end of the water hose, replacing the nozzle. When the water is turned on, **SOIL-SOAKER** fills with water and normal pressure forces water through the pores of the entire

surface, uniformly, without spray. Easily moved without shutting off water, or getting wet. Self-cleaning. The soil is soaked deeply and thoroughly, covering an area on all sides of the **SOIL-SOAKER**. Far more beneficial than light surface-sprinkling. Puts the moisture down into the soil. Avoids water waste.

**SOIL-SOAKER** enables you to put the water exactly where you want it—none sprayed on walks, driveways or other places you do not want to reach. Excellent for irrigating around plants where moisture is apt to damage foliage. Water deep with a **SOIL-SOAKER**. Two lengths. 18-ft. \$1.85, postage paid; 30-ft. \$2.85, postage paid.



# GETZUM for WEEDS NEW MODEL

With guard that protects the valve. Price complete with 12-oz. can of Getzum Weed Destroyer ..... \$1.75  
Additional pints ..... .29  
Gallon ..... 1.75



# ANTROL Kills Sweet and Grease Eating Ants

A SCIENTIFIC METHOD, SAFE, SURE, PERMANENT

Antrol is easy to use, economical, safe around children and pets. Consists of small glass containers from which worker ants carry special Antrol Syrup to their nests for food. The ant family is often killed at the source—the only way to get permanent relief. Controls both sweet and grease-eating ants. Guaranteed. Proved in over a million homes. Prices: Antrol Ready-filled set, contains 4 filled feeders, 40c; Antrol Regular Set, 4 containers and 4-oz. bottle syrup, enough for 2 fillings, 60c. Antrol Syrup for refilling, 4-oz. bottle, 20c. Pint bottle, 50c.



SAFE TO USE AROUND CHILDREN AND PETS  
Can be used inside or outside the house.



## ANTROL ANT TRAPS

Kills both sweet and grease eating ants, contains two kinds of specially prepared material. Each 10c. Can be used inside or outside the house.

## SNAROL

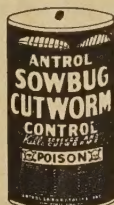
### Metaldehyde-Arsenical Bait

Attracts and kills snails and slugs. Snarol may also be used to control Sowbugs, Cutworms, Earwigs, etc. A ready-prepared bait meal that is non-injurious to vegetation when used as directed. Retains its effectiveness for from five to ten days after being put out. 1-lb. packages, 25c; 2½-lb. packages, 50c; 6-lb. packages, \$1.00; 10-lb. bags, \$1.50; 50-lb. bags, \$5.50.



# ANTROL SOWBUG-CUTWORM CONTROL

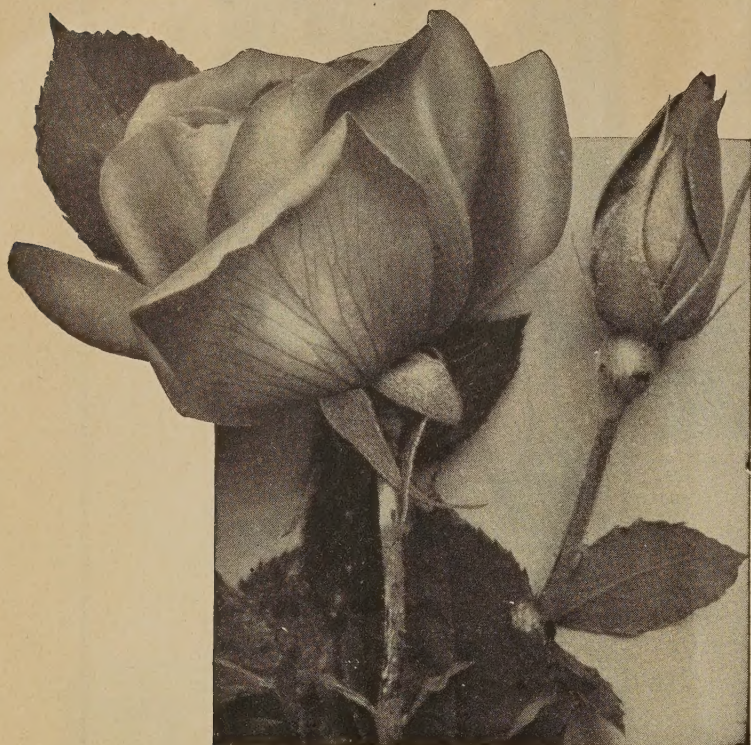
An especially prepared bait made very attractive to these hard to control pests and used by commercial and home gardeners everywhere. Guaranteed to give satisfaction. Packed in cans with convenient pouring spout. 8 oz. can, 25c; 12 oz. can, 35c; 2½ lb. can, \$1.00





# ROSES

OUR ROSES ARE JUMBO SIZE NO. 1, TWO-YEAR-OLD NORTHWEST GROWN OF HIGHEST QUALITY. PRICES QUOTED ARE F. O. B. MEDFORD. PLEASE ADD POSTAGE. BUSHES WEIGH APPROXIMATELY THREE POUNDS PACKED FOR MAILING.



TALISMAN

## Novelty and Patented Roses

**CHARLOTTE ARMSTRONG** (HT) (Armstrong, 1941). Plant Patent No. 455. A rose of surpassing beauty. Long slender, blood-red buds open to magnificent flowers of spectrum-red in cool weather and cerise in hot weather. Long stems. \$1.50 each.

**CLIMBING MRS. SAM MCGREDY** (Cl.) (Western Rose Co., 1940). Plant Patent No. 394. Flowers are of a beautiful copper-orange color, flushed with Lincoln red on the outside of the petals; delicately perfumed. \$1.00 each.

**MME. HENRI GUILLOT** (HT) (C. Mallerin, 1937). Plant Patent No. 337. A strikingly colored rose of deep pink, beautifully formed. Large urn-shaped buds open to camellia-like blooms, about 5 inches across, watermelon to raspberry-pink in color. \$1.25 each.

**R. M. S. QUEEN MARY** (HT) (Verschuren, 1937). Plant Patent No. 249. This rose is beautiful beyond description—distinct from anything yet seen in roses. Its color is a glorious combination of vivid shades blending rich glowing salmon with an exquisite pure pink and orange base. \$1.00 each.

**RUTH ALEXANDER** (LC) (Rena Wilber, 1937). Plant Patent No. 178. Large, long-pointed buds of vermilion-orange open to large, high centered flowers, jonquil-yellow at the base, merging into orange. The tips of the petals are old rose when mature. Glossy foliage. Beautiful. \$1.25 each.

**TEXAS CENTENNIAL** (HT) (A. F. Watkins, 1935). Plant Patent No. 162. Blood-red. A sport of the rose President Herbert Hoover. Different only in color which is rich blood-red, toning to cerise-red in center. 75c each.

## Standard Bush Roses

No. 1 Two-Year-Old Field Grown—60c each, \$5.50 per ten

### RED HYBRID TEAS

**E. G. HILL.** This is the most unfading of all roses. Immense, double flowers of dazzling scarlet shading to a deeper red as they develop; are delicately fragrant and long lasting.

**ETOILE DE HOLLANDE.** The finest dark red rose for general purposes. Ranked among the first three of its color by everyone who knows roses. The beautiful, oval buds are perfect.

**SOUTHPORT.** Flower full, cupped, very lasting, fragrant, a very brilliant, unfading scarlet.

### PINK HYBRID TEAS

**DAINTY BESS** (Single). An exceedingly charming and dainty colored rose of perfect form. Petals are delicate shell pink.

**PICTURE.** Well shaped buds of medium sized, velvety rose-pink flowers, with warm salmon undertones. Strong, vigorous plants; unusually free blooming. One of the finest pink roses.

**PINK DAWN** (HT) (Howard & Smith, 1935). A beautiful new hybrid tea rose with glorious deep rose buds opening to lovely pink blooms tinted with orange at the base of the petals. Sweetly fragrant, fully double, and of vigorous upright habit.

### ORANGE and TRI-COLOR HYBRID TEAS

**AUTUMN.** A distinct color of intense richness. This rose incorporates shades of burnt orange suffused with russet-brown and bronzy red all overlaid on a background of rich yellow.

**CONDESSA DE SASTAGO.** You will admire the brilliant colors of this new double rose from sunny Spain. The bud is like a ball of gold with red stripes. Fully open it is fiery copper and gold.

**HINRICH GAEDE.** This magnificent rose has beautiful long, pointed buds of a brilliant nasturtium red color. The flowers are large, double, high-centered, and of a highly artistic shape.

**MME JOSEPH PERRAUD** (HT) (Gaujard, 1934). Long, slender, and pointed nasturtium-orange buds open to sweetly fragrant flowers of a charming nasturtium buff straying to a lovely shade of shell pink at the petal edges—the nearest approach to a pure buff lightened with pink at the petal margins.

**MRS. SAM MCGREDY.** Large, long-pointed buds are produced singly on strong, slender stems. The color is a glowing combination of red, copper and orange.

**PRES. H. HOOVER.** A wonderful multi-colored rose, charmingly combining shades of cerise-pink, flame, scarlet and yellow.

**TALISMAN.** A vividly colored rose of an unusual combination of gold, apricot, pink and carmine in mingled splashes, streaks and blends.

### YELLOW HYBRID TEAS

**GOLDEN DAWN.** The oval buds are rich straw-yellow, flushed old-rose, opening into splendid double, sweetly scented flowers of sunflower-yellow.

**GOLDEN RAPTURE.** A splendid new yellow rose of upright growth. The pure yellow buds are of ideal form. Beautiful, large, double flowers which last without fading.

**MCGREDY'S YELLOW** (HT) (McGredy, 1933). Large, bright buttercup yellow flowers, every bloom of which is perfect in form and sweetly scented. The foliage is glossy and free of disease in most localities. The fine bush is full of vigor, continually sending out fine blooms. Stands heat well.

**MRS. P. S. DUPONT.** Winner of more gold medals for outdoor blooms than any other rose. Buds are small but exquisitely formed and of a reddish gold, opening into yellow flowers.

### WHITE HYBRID TEAS

**FRAU KARL DRUSCHKI.** The most popular everblooming white rose. Outer petals of immense buds occasionally tinged with pink; open blooms pure snow white, large and moderately full.

**MCGREDY'S IVORY.** The size and perfection of form of this wonderful rose are almost unbelievable. The buds are long and pointed, opening to perfectly formed flowers of ivory-white.

**MME. JULES BOUCHE.** Shapely buds and well formed, high centered flowers of pure white, occasionally with a tender blush pink tint at the center. A splendid white rose and a vigorous grower.

### CLIMBING ROSES

**ETOILE DE HOLLANDE** (HT). Ranked among the first three of its color by everyone who knows roses. The beautiful, oval buds are perfect, of medium size, and open into magnificent brilliant red blooms.

**PAUL'S SCARLET.** The semi-double flowers are of good size and of a vivid scarlet-red color, fading but little. Freely produced in clusters on much branched canes. It is perfectly hardy.

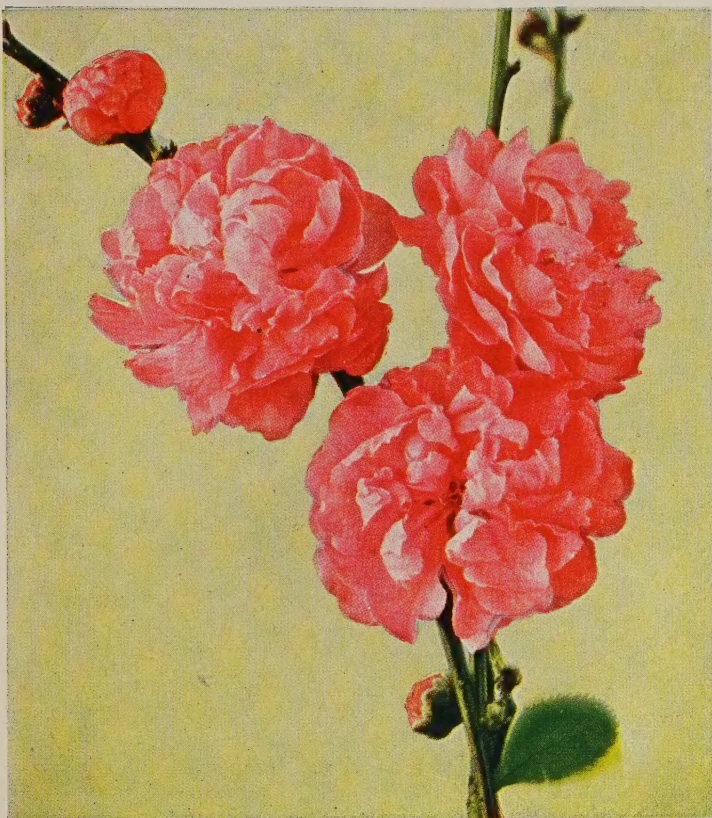
**REVEIL DIJONNAIS** (LC). For sheer brilliancy of coloring this is probably one of the most outstanding climbers ever introduced. Large, semi-double flowers of light yellow with a deep zone of cerise-pink around the edges, creating the effect of a deep pink rose with a great yellow center.

**TALISMAN** (HT). A striking climber with the same vivid colors as the bush variety—gold, apricot, pink and carmine. Flowers are fairly double; of lovely form.

We can supply most standard varieties in climbing types.



WE INVITE YOU TO INSPECT OUR COMPLETE  
SELECTION OF HIGH QUALITY TREES  
AND SHRUBS AT OUR STORES



### BURBANK FLOWERING PEACH

One of the most beautiful of the flowering trees. Very hardy. See Nursery Stock Section. 5-6 ft., \$1.25.



### DAINTY BESS

A beautiful rose both in bud and full bloom. Striking as a rose for cutting. See Rose Section. **Each 60c.**



COPYRIGHT THE  
CONARD-PYLE CO.

### CHRISTOPHER STONE

Copyright—The Conard-Pyle Co.

A most beautiful rose, scarlet overlaid with velvety crimson. Very fragrant. See Rose Section. **Each 60c.**



### MRS. E. P. THOM

One of the very finest of the deep yellows. Very fine bud, fragrant, fine for cutting. See Rose Section. **Ea. 60c.**





#### **BERCKMAN'S GOLDEN ARBORVITAE**

One of the grandest of the conifers. Fits into any shrub planting, enhancing the display. See Nursery Stock Section.



#### **CAMELLIA, CHEERFUL**

Today's most popular evergreen shrub. Never surpassed for beauty of bloom. See Nursery Stock Section.

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### **ORNAMENTAL SHRUBS TO BEAUTIFY YOUR HOME GROUNDS**

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#### **RHODODENDRON, PINK PEARL**

This colorful evergreen shrub adds color to every planting. See Nursery Stock Section.



#### **BEAUTY BUSH**

One of the most colorful deciduous shrubs. A distinct addition to any garden. See Nursery Stock Section.